# Lancaster Farming

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## Gov. Leader Calls Crop Conditions In Southeast Counties 'Worst Ever'

HARRISBURG — As southeastern Pennsylvania entered the eighth week without substantial rains, growth of the majority of crops in the State came to a standstill due to lack of moisture, the State Department of Agriculture reported Wednesday

Returning from a tour of four hard-hit southeastern counties with Gov. George M. Leader, Agriculture Secretary W. L Henning declared drought conditions in many areas were reported by some farmers interviewed to be 'the worst ever experienced" He said conditions were almost beyond belief in the areas toured over back roads.

The Montgomery County Disaster Committee Wednesday had its request for federal assistance in the hands of the Pennsylvania USDA Disaster Committee. Similar requests are expected within the next week from Berks, Bucks and Chester Counties. Montgomery estimated crop losses at $3,600,000.

Meanwhile, the Pennsylvania Crop Reporting Service pointed to growing season rainfall deficiencies in four representative areas. Philadelphia was 9.69 inches below normal; Reading, 6 20 inches; Harrisburg, 6.04 inches, and Allentown 5.06 inches.

Weather and crop surveys for the week ended Monday showed tobacco and potato yields and production declining steadily. Late peaches, apples, tomatoes and potatoes are not attaining their usual size in drought areas Pastures are reported at only 61 per cent of normal and hay crops continue poor

(Continued on page 14)

DISCUSSING DROUTH CONDITIONS in Lancaster County are, l to r, former County Agent Floyd (Dutch) Bucher, Secretary of Agriculture William L. Henning, Governor George Leader, County Agent Max Smith and Willis Z. Esbenshade, Lancaster. Smith told the officials that the northern tier of townships in the county are hardest hit by the dry weather. The Governor did not visit any Lancaster County farms in his drouth condition tour Monday. (LF Photo)

## Guernsey, Jersey Cattle Club Ask USDA to Modify Milk Market Order

PETERBOROUGH, N H. —The American Guernsey Cattle Club here has filed a request with the U S. Department of Agriculture requesting the separate pooling of special milks under Federal milk marketing orders.

The American Guernsey Cattle Club has been joined in this request by American Jersey Cattle Club, Columbus, Ohio. The two purebred dairy cattle associations represent some 100,000 dairymen.

Both organizations sponsor national trademark milk programs — Golden Guernsey and All-Jersey — under which sales have increased steadily. However, the organizations pointed out that federal marketing orders are placing an unfair burden on their producers.

In a joint statement released by the two associations, they point out that under Federal Order regulations all dairymen are paid the same basic price for the milk they produce, regardless of the differences in quality and consequent marketability. This penalizes the producers of a special, premium milk, actually forcing them to subsidize the producers of regular milk.

Special milks, as defined by the two associations, need not be confined to just Guernsey and Jersey milks.

Here is how the separate milk pools, as advocated by the Guernsey and Jersey associations, would operate

Producers of special milks would be paid the Class I price for that part of their milk sold as special fluid milk. For the rest, special milk producers would receive only the regular price for surplus milk.

In any market where a separate pool was adopted for special milks, the producers of regular milk would be paid by the regular pool as it is now operated, according to the utilization of the milk in that pool.

This type of pooling would permit special and regular milks to stand on their own feet, each to expand or contract on its own merits, according to the Guernsey and Jersey organizations.

These organizations point out that their proposal would not guarantee special milk producers a better price than that received by other dairymen. It would give them the opportunity to further increase the Class I sales of their special milk for their own benefit, which under the present market wide pools are shared by all producers in the market, regardless of the quality of the milk they produce.

The Guernsey and Jersey associations will welcome discussions of their proposal with any interested parties. "We are not asking for privileged treatment," they state, "only for equal opportunity."

## Liaison With Rural Churches Established by USDA to Help Leaders

In recognition of the importance of the rural church as a community institution in serving farm people, the U. S. Department of Agriculture announced today that it is establishing a focal point for closer relationships with town-country church leaders, and with both denominational and interdenominational organizations

This will provide a more direct link with USDA to help these leaders stay abreast of the changing scene of rural life. They will be kept current on the Department's program, informational materials, and personnel.

Philip F. Aylesworth of the Federal Extension Service has been assigned on a Departmentwide basis to work closely with USDA agencies in serving church leaders.

## $75 Per Hundred Champion Brings, At Garden Spot

The Grand Champion steer at the Garden Spot Baby Beef show Wednesday at the Lancaster Union Stock Yards sold to Acme Markets for $75 per hundredweight. The 900 pound animal was shown and sold by Miss Connie Quesenberry, R1 Strinestown, York County.

The reserve champion animal was shown by Vernon Good, R1 East Earl. The 955 pound steer was purchased by H. F. Hildebrand, Strasburg, for $46 a hundredweight.

The sale average was $30.15 and the average weight per animal was 959.3 pounds. The 78 animals weighed in at 74,830 pounds.

Another sort of record was placed by the Elmer M. Hoover family of Bird-in-Hand. Seven Hoovers, Jay, Ella, Clyde, Glenn, Clair, Curvin and Nelson, had steers in the show and sale.

There was no single large buyer at the sale with sales being made generally throughout the area Restaurant buyers included the Stockyards Inn, Lancaster, and the Crystal Inn and Berkshire Hotel of Reading.

Both the champion and reserve steer were bought by their youthful owners at the Stockyards Feeder Calf sale held last fall.

The Garden Spot Show and Sale is an annual event sponsored by the Stock Yards for children of patrons All exhibitors were between the ages of 6 and 18.

## Only 12 Townships in State Untested for Brucellosis

HARRISBURG—With the addition of four townships in Bradford County to the State testing program for brucellosis, Dr. Howard A. Milo, director of the Bureau of Animal Industry, State Department of Agriculture, today revised estimates for completion of testing of the Commonwealth of Pennsylvania for brucellosis.

Dr. Milo said only three townships in Bradford County remain outside the testing program and nine townships in Lebanon County have yet to apply for testing. He added the entire State should be tested prior to his original estimate of an. 1, 1958.

The Bradford County townships completed include Athens, North Towanda, Ulster and Smithfield. Dr. Milo said the remaining three townships probably would complete testing within 10 days.

Brucellosis is a communicable livestock disease which costs livestock farmers thousands of dollars annually.

According to Dr Milo, there are only 12 townships of the 1,569 townships in the State without a brucellosis tseting program. He said there are 55 counties certified as brucellosis-free and only two, Bradford and Lebanon Counties, that have not yet completed testing.

For a county to be considered brucellosis-free the infection cannot exceed one per cent in the county cattle population and five per cent of the herds in the county.

## Now Is The Time . . .

By MAX SMITH

County Agricultural Agent

Max Smith

**TO SPRAY FENCE ROWS** — Post harvest time is highly recommended as a period when chemicals such as 2,4-D and 2,4,5-T may be used to spray on brush, briars or weeds. Details on the use of these chemicals are available through Penn State Extension bulletin "Chemical Weed Control."

**TO FLUSH EWE FLOCKS** — Many successful shippers continue the practice of providing additional grain or succulent pasture for the breeding flock several weeks in advance of breeding time The objective is to increase the number of multiple births

**TO MAINTAIN LIVESTOCK CONDITION** — Present drouth conditions make it difficult for all livestock to maintain body condition unless extra nutrients are provided It is strongly recommended that livestock be fed hay, silage or additional grain in order to prevent thin condition when entering winter quarters.

# Broiler Average Nearly Steady At Lancaster Exchange Thursday

LANCASTER—The broiler average dropped only slightly from the preceding week at the Lancaster Poultry Exchange Thursday. A broiler sale of 122,200 birds averaged 22.69 cents, down .06 of a cent from the preceding Thursday.

This price compares very favorably with the 19.25 cents average of the same sale a year ago.

Selling besides the broilers were two lots, 1,750 Leghorn fowl for 14¼ cents, three lots of capettes for 26½ cents and 28¾ cents, and 500 heavy fowl, moving at 18¾ cents

Here is the Aug. 15 sale by lot number, owner with grower in parenthesis, amount and breed, age in weeks and days buyer and price.

1. John K. Curry & Sons (Edwin L. Funck), 8,000 White Vantress, 9, Victor F. Weaver Inc., 22½ cents. 2. Warren Shearer, 6,000 White Vantress and White Mountains, 9-6, H. W. Longacre Inc., 22¾ cents. 3. Stephen Notestine, 10,000 White Vantress, 9-2, no sale, 22¼ cents bid. 4. Stephen Notestine, 10,000 White Vantress, 9 2, no sale, 22¼ cents bid. Miller & Bushong (Elmer Beiler), 2,500 White Vantress, 9-3, Victor F. Weaver Inc., 22½ cents.

6. M&B (G. Walter Jackson), 1,500 Indian Rivers, 9-3, Victor F. Weaver Inc., 22½ cents. 7. M&B (Joseph F. Bushey), 9,000 White Vantress, 10, College Hill Poultry, 22½ cents. 8 M&B (Joseph F. Bushey), 9,000 White Vantress, 10, College Hill Poultry, 22½ cents. 9. David E. King, 500 White Vantress (Arbor Acres), 9-2, Ray W. Gibble, 23¼ cents. 10 Clair Graybill, 1,000 White Vantress, 9-6, Walter B. Lehman, 23 cents.

11. Indian River Farm (Jack H. Michael), 2,800 Indian River Whites, 9-3, Victor F. Weaver Inc., 22¼ cents 12. Ray R Shultz, 1,500 Indian Rivers, 9-3, no sale, 21¾ cents bid 13 Eugene Schlosnagle, 8,400 White Vantress, 10, Victor F. Weaver Inc , 22¾ cents. 14. Eugene Schlosnagle, 8,400 White Vantress, 10, Victor F Weaver Inc , 22¾ cents. 15. Floyd Kaffensberger, 5,000 Indian Rivers, 9-6, Victor F. Weaver Inc., 22½ cents

16. Morgantown Feed (Paul Livengood), 1,500 White Cornish Cross, 10-5, Roy E. Ream, 23 cents 17. Morgantown Feed (Ammon P. Stoltzfus), 700 Leghorn Yearling fowl, Roy E. Ream, 14¼ cents 18 Charles Shreiner Jr., 1,000 White Rock capettes, 12-2, Carl B. Risser, 26½ cents 19. Enos Buckwalter (Ivan H. Hess), 4,000 White Cornish cross, 10, Meader's Poultry, 22½ cents. 20 Robert B. Noll, 2,000 White Vantress, 10-1, Carl B. Risser, 23 cents.

21. Robert B Noll, 2,000 Martin's New Whites, 10-1, Carl B Risser, 23¼ cents. 22. Robert B Noll, 2,000 White Vantress, 10-1, Roy E Ream, 23¼ cents. 23. Millport Roller Mills (Howard Kreid-

(Continued on page three)

## LIVE POULTRY

PHILADELPHIA AUG. 21 — Unsettled. Demand only fair for most classes with more han adequate supplies avaiable. Some buyer preference shown for yearling hens and large pullets and caponettes. Ordinary quality colored hens light type hens and fryers were in slow sale.

Wholesale selling prices No. 1 and fancy quality. Broilers light type under 3 lb 23. Broilers or fryers heavy type under 3 lbs 24½-25 3-4 lb 23-26. Pullets 4½ lb and over 30-31. Hens heavy type 18-24 light type 12-13 Old roosters 8. Ducks pekins 22-28.

# Lancaster Markets: 600 More Cattle Offered; Prices Steady

By DAVID S. LORENSON
Federal-State Market News Service

LANCASTER — CATTLE: days 4,318, week ago 3,742. Compared with last Wednesday slaughter steers and heifers steady to weak. Cows fully steady, bulls mostly steady. Trading slow on stockers and feeders; prices about steady. The week's recipts comprised around 35 per cent stockers and feeders and 12 per cent cows. Around 60 loads of fed steers were offered.

Bulk choice fed steers 1,000-1,250 lbs. $24.50-26.50, high choice and mixed choice and prime $26.75-27 25, a few loads prime $27.40-27 70, two loads prime 1,340 and 1,287 lbs. $28 and $29. Bulk good and low choice steers $22.50-24 50, some standard and low good $20.50-22.25.

Scattered lots good and choice 620-775 lb. fed heifers $20 50-22.75, load 818 lb. mixed high choice and prime $25. Bulk utility and commercial cows $13.50-15 50, canners and cutters 10-14.75. Utility and commercial bulls $16.25-19.50, good fed yearling bulls to $22, cutter grades $15-16.

Bulk medium and good stocker and feeder steers and light yearlings 495-1,000 lbs. $19.50-22, several loads good fleshy feeding steers 950-1,125 lbs. $22-22.75, one load 996 lbs. $23.40. Common and medium stock steers $16 50-19.50.

CALVES: 788, week ago 765, Veal calves fully steady to strong. Bulk good and choice vealers $22 50-28, a few choice and prime to $30 Utility and standard $16-22.50.

HOGS. 1,265, week ago 1,480. Barrows and gilts 25-50 cents lower than last Wednesday. Sows about steady. Scattered lots mostly No 1 200-220 lbs. in Wednesday trade at $22, a few to $22.50 to local small killers, but bulk of supply No. 2 and 3, 190-240 lbs. unsold late Comparable grades Monday, $21.75-22. Sows this week mostly $14.50-18 for No. 1-3, 270-550 lbs.

SHEEP. 568, week ago 464 The supply mainly native spring spring lambs. Slaughter lambs fully steady to strong. Bulk good and choice spring lambs $22-25, utility and low good $16-21 50. Aged sheep scarce.


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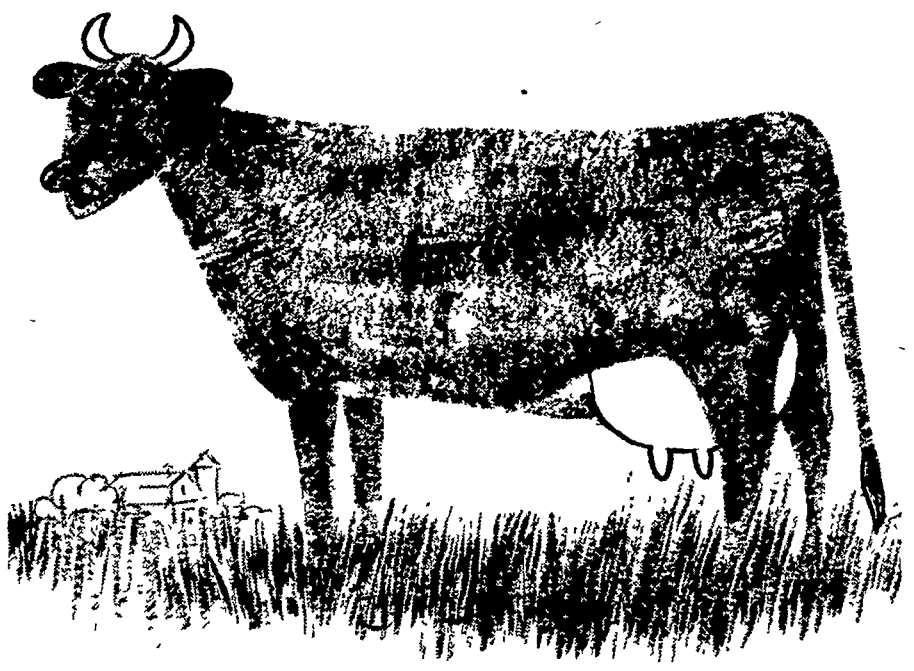

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# Wednesday New York Egg Market

By Urner-Barry

| | |
|---|---|
| **Nearby Whites** | |
| Extra Fancy Heavyweights | 52 -52½ |
| Mediums | 39½-40 |
| Pullets | 27½-28 |
| Peewees | 18½ |
| **Nearby Browns** | |
| Extra Fancy Heavyweights | 48½ |
| Mediums | 37 |
| Pullets | 32½ |
| Peewees | 18½ |
| **Midwestern Mixed** | |
| Fancy Heavyweights | 44 |
| Mediums | 36 |
| Standards | 34½ |
| Checks | 24½ |
| **Midwestern Whites** | |
| Fancy Heavyweights | 45 |
| Mediums | 38½ |
| **Midwestern Browns** | |
| Fancy Heavyweights | 44 |

NEW YORK, Aug 21 — Increased firmness and further advances in fancy large shell eggs were made this morning with major activity in whites. Near-by large whites shortening-up further. Near-by large browns unimproved Fancy medium whites and pullets also advanced, but browns held unchanged. General position appears sound, although the extent of advance of nearby large whites is causing some uneasiness

## Weekly Egg Price Review

| | Thurs. 15 | Fri. 16 | Mon. 19 | Tues. 20 |
|---|---|---|---|---|
| **MBY WHITES** | | | | |
| Ex Fcy. Hywts | 47½ | 49½ | 49½ | 50 -51½ |
| Mediums | 37 | 36½-37 | 38 -38½ | 39 |
| Pullets | 26 -26½ | 26½ | 27½ | 27 |
| Peewees | 17½ | 17½ | 17½ | 17½ |
| **NBY BROWN** | | | | |
| Ex. Fcy. Hywts | 44½ | 46½ | 46½ | 48½ |
| Mediums | 36 -36½ | 36 | 36½ | 36½-37 |
| Pullets | 30½ | 32 -32½ | 32½ | 32½ |
| Peewees | 17½ | 17½ | 17½ | 17½ |

## PHILADELPHIA EGGS

(BY USDA)

PHILADELPHIA, AUG 21 — Firm Prices advanced on most grades Relatively lighter offerings, especially of top quality large whites, were short of an improved demand. A moderate valume was withdrawn from storage

Wholesale selling prices Min 10 pct AA qual Large 45-48 lb white 52-55, brown 48½-50½, medium white 39½-40, brown 37-38 Extras, min 60 pct A qual Large 45-50 lb white 43-46, mixed 43-44½, medium white 37-38, mixed 35-36 Standards 32-33, checks 23-24.

Prices to retailers in cartons (cents per dozen)

US GR A, Large, Whites 60½-63, mostly 60½-62 Brown 58½-63; mostly 58½-62½ GRA A & US GR A MED Whites 47-50, mosly 47-49 Browns 45-50 mostly 47-49 GR B & US GRADE B Large Whites 47-59, mostly 48-55 Browns 47-59, mostly 48-14

Receipts Aug. 20, 3,400 cases by truck

## PROCESSED POULTRY

**PROCESSED**

PHILADELPHIA AUG 21 — Proccessed poultry, ready-to-cook (ice packed) young chickens - barely steady. Liberal offerings were more than adequate for the fair demand.

Prices paid delivered warehouse, Philadelphia (cents per lb )

Grade A & US grade A, 2-3 lb 34-37, mostly 34½-36

Hens ready-to-cook (ice packed) about steady Demand was good Supplies were adequate

Prices paid delivered warehouse, Philadelphia (cents per lb )

Grade A & U S Grade A 4-5½ lb 33 34.

Receipts Aug 20 included other than turkeys Md 88,000 lbs Del 110,000 lbs Va 42,000 bs N Car 41,000 lbs

## Lancaster Broilers

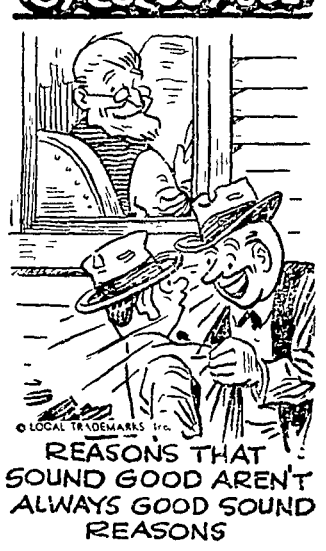
(Continued from page 2)

er Jr.), 2,000 White Vantress 10, S E Davis, 22¾ cents 24 Milton M Brubaker, 500 White Rock fowl, John N. Thomas, 18¾ cents 25. Melvin O. Nolt, 1,050 Leghorn yearling fowl, Roy E Ream, 14½ cents.

26 Morgantown-College Bldg , 7,800 White Vantress, 9-5, College Hill Poultry, 22¾ cents 27. Morgantown - College Bldg , 13,400 White Vantress, 9-5, College Hill Poultry, 22¾ cents 28 M&B (Christ L. Herr), 4,000 White Vantress, 10-2, Victor F Weaver Inc., 22¾ cents. 29 M&B (John L Herr), 4,600 White Vantress, 10-2, H. W Longacre Inc , 22¾ cents 30 M&B (John L. Herr), 4,600 White Vantress, 10-2, S E Davis, 22¾ cents

31. M&B (John L Herr), 800 White Rock cockerel capettes, 12-6, Marvin Sweigart, 28¾ cents. 32. M&B (John L Herr), 800 White Rock cockerel capettes, 12-6, Victor F. Weaver Inc , 28¾ cents 33. M&B (John L Herr), 250 White Vantress capettes, 12-6, withdrawn 34 Kenneth Noll, 2,500 White Vantress, 10-1, John N. Thomas, 23¼ cents 35. D. E. Horn & Co. (Clair Bair), 3,000 White Vantress, 9, Daniel K. Good, 22½ cents.

36 D. E. Horn (Clair Bair), 2,000 White Vantress, 9, Daniel K Good, 22½ cents 37. D. E. Horn (John Reidel), 2,200 Indian River Whites, 10, Daniel K Good, 22¾ cents. 38 Poul Gehman (Melvin Martzall), 1,500 White Vantress, 9, Leola Poultry, 23 cents.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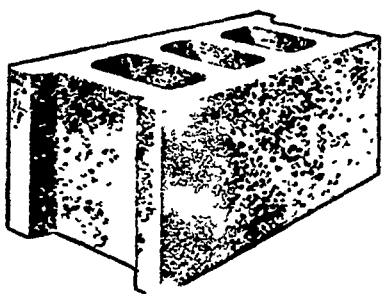

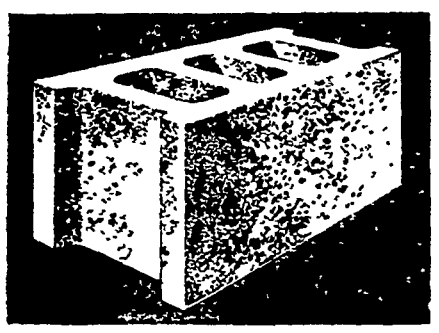

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Lancaster Farming

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## The Drouth and Federal Aid

TRAVELLING over 150 miles through Lancaster, Berks and Chester Counties with Governor Leader Monday, we had a good opportunity to see the effects of the drouth first hand

The worst-hit areas were in northern Lancaster and southern Berks Counties. It seems that on both sides of the ridge that divides the two counties there has been little rainfall all season This, combined with the type soil found there, has hurt crops to the no-yield stage

In the parts of Chester County visited, it was not nearly so bad One farmer there was plowing—granted, with difficulty—and the corn crop is expected to yield 50 per cent as compared with the 30 per cent normal expected yield in the other two areas.

One point not often considered was brought home. The size of the farm operation seemingly is in direct proportion to the farmers opinion of the drouth.

One farmer who operates 350 acres in Chester County and has about 90 head of cattle said that he will have hay to sell On the whole he expressed no great fear of the outcome of the dry weather.

On the other hand his neighbor who operates only a hundred acres with the same number of cattle is hard-pressed to find feed for his cattle.

Both are family sized farms Both men have been making a good living at farming. But now one is in favor of federal aid and the other luke-warm.

Farming is a business, and like most businesses, it is possible to overstock This seems to be the case with many of the farms this year.

However we see no need for the federal government to have to come to the aid of a gamble that has lost. It surely does not when the merchant lays in too much stock that does not move and gets into trouble.

The federal aid programs for natural disaster relief are fine and we have seen many farm families remain on the farm through them

But we urge the Governor of the Commonwealth of Pennsylvania to use the greatest discretion in recommending such a program for the state

President Eisenhower has implied by his action thus far this year that he is not making these programs a general pork barrel, but rather a source of relief to farmers in dire need.

Farmers in this state, we believe, are a too proud and independent people to go crying to Uncle Sam for a hand-out when it really isn't needed. If the need truly exists the poffered aid should be accepted

Governor Leader is the man on the spot If he asks for federal assistance and is refused, he will have lost political face both nationally and in the state At the same time there seems to be a tremendous pressure from certain groups to ask for aid

It's his decision Let us hope that he considers all the facts available to act in the best interest of the farmers of the Commonwealth.

## What's Happened to Broilers?

SOMETHING peculiar is happening in broiler prices at the Lancaster Poultry Exchange this year

According to sales records from the Exchange, March has always been the high ranking month, price-wise. But this year July has taken the honors

In 1955 and 1956 the March price average as 32 3 and 23 7 cents respectively But this year it was only 20.86 cents July, on the other hand, has jumped from that average up to 23 57 cents

Maybe it's all the barbeques Maybe it's that a 100 000 fewer chickens were sold It's really hard to tell

But it sure isn't hard for the broiler producer to enjoy'

## This Week in Lancaster Farming

BY JACK REICHARD

### 50 YEARS AGO (1907)

Back in 1907 the outlook for Lancaster County's tobacco crop was not bright Growers in general found their crops in a very immature condition, with prospects of developing them into the ripened product doubtful Cool weath in the spring coupled with little rain during the growing season was blamed for the retarded growth. A leading tobacco expert, after inspecting a number of fields had this to say

"The condition of the growing crop affords ample cause for general comment, on the side of the growers, as well as on the side of the dealers. The latter are not half so worried over the situation as are the former The dealers paid a big price for the 1906 crop, much of which they yet have on hand, holding for better prices, and a shortage in this season's crop would help them out of a very troublesome situation"

"I never before saw fields so badly mixed in character of the plants growing in them One of the worst features is that even the small plants are, in many cases, shooting in the seed pods before having half as many leaves as they have"

### SYNTHETIC CHICKEN SOUP

Chicken soup with no part of chicken, and owed none of its savoriness to the dexterity of a cook, was to be found, perhaps, only one place in the world, according to a report made by a prominent scientist in 1907 The particular favored spot was located in the state of Nevada, and the so-called soup was a natural product

The report stated that a spring of calcareous deposits, located near Elko, produced by the hand of Mother Nature what the inhabitants of the town regarded as a better chicken soup than could be found in any of the hotels along the neighboring line of railway The spring was named Soup Spring

It was declared the spring contained sulphur, iron, magnesia and soda, with some copper Its waters was dipped up by tourists, and a little salt and pepper added.

During the month of July, 1907, some 4,000 boxes of celery was shipped from the celery growing area around Kalamazoo, Mich. This amounted to about 150,000 stalks daily, and most of it was shipped by express The growers received 12 cents a bunch containing 12 stalks The shipper got 18 cents a bunch Nearly 300 persons were engaged in growing the celery on tracts ranging from one to six acres

### FARM HELP A PROBLEM

Fifty years ago the securing of dependable young men and girls for help on the farm was a problem The question of indoor as well as outdoor help on the larger farms was solved by erecting tenant houses and securing the services of a reliable married couple, but the smaller farmer had to depend chiefly on elderly men and women and shiftless young people for help during harvest seasons.

One of Luther Burbanks creations, in 1907, was a plum as large as an apple had a pit stone like a cherry It was a cross between the Beech and a Japanese variety The plum was bright red in color and was claimed to be of good quality

## 25 Years Ago

A disastrous fire wrought great loss on the Lancaster farm of George Cramer in the Mt Nebo section The blaze was discovered by Mrs Cramer.

The barn, tobacco shed and chicken house were attached and fell prey to the flames, as did the hog-pen and about 30 head of hogs. Only three of the hogs were saved. A number of chickens also were burned.

The mules, cows and steers in the barn were released and left roam to safety

All of the season's crops were burned, including wheat which had just been threshed. An auto, farm implements, harness and the like were consumed in the blaze.

West Willow and Quarryville Fire Companies responded to the call, but the fire was beyond control when they reached the scene.

### WORLD'S GREATEST NEWS

The most important world wide news of the century came from Berlin during August, 1932

Two German scientists, Lang and Brasch, using an artificial "thunderbolt" of 2,500,000 volts, had split an atom of lead, releasing energy equivalent to fifteen million volts

The scientists declared that the energy locked up in the atoms of oxygen and hydrogen in two teaspoonfuls of water would drive the steamship Leviathan twice across the ocean, but advised investors not to sell their coal mines or good oil stocks because science moved slowly It was pointed out that a little steam engine had been shown in Alexandria in the Serapion, long before the birth of Christ But man waited for the steamboat and locomotive.

Twenty-five years ago this week Lancaster Farm Women Society, No. 11, entertained members' families at the home of Mr. and Mrs. Rudolph Eshleman Mechanic Grove. A short business session was in charge of Mrs William Bucher.

### FARMERS' STRIKE IN FULL SWING

Governor Warren Green, of South Dakota, issued a call for a conference of the Governors of 15 Farm Belt states to take place at Sioux City, Iowa, to consider concerted action in connection with the farmers' strike in full swing back in August, 1932

A single state wide cooperative organization to control marketing of farm products, and possible working together with similar organizations in other agriculture states was proposed by Gov. Floyd B. Olson, of Minnesota. Gov. Olson stated

"Into this single cooperative organization the 4,600 cooperatives in states could be grouped, and these, protected by law, they could control the marketing of agriculture products and make really effective the farm holiday plan"

**That same week John W. Keller, Deputy Secretary of the Pennsylvania Department of Forests and Waters, warned all "Scotch" Santa Clauses, who cut their Christmas trees from State forests or from privately owned land without the owners consent, "must be prepared to pay a fine of $25 for each tree removed".**

## THE BIBLE SPEAKS

International Uniform Sunday School Lessons

BY DR. KENNETH J. FOREMAN

**Background Scripture: Amos**
**Devotional Reading: Amos 5 18-24.**

## Crusaders

**Lesson for August 25, 1957**

WHEN Amos, the hired man, Amos the migrant worker, stood up in the city square at Bethel to make a speech, no doubt people laughed It looked funny to see a man in overalls making like a politician They laughed: but they did not keep on laughing. He did not talk like a politician at all It was like nothing they had expected It was more like . . . well, like a prophet, only there hadn't been a prophet at Bethel since any one cared to remember. It was like a prophet, only Amos himself didn't want that title. The country was full enough as it was, of prophets who were happy as June-bugs, and about as effective The one tune they hummed went something like "Everything is for the best in the best of possible world's."

Dr. Foreman

### What Is a Crusader?

Amos did not see it that way He drew such a dark picture of the country and the times, and the prospects, that the leading citizens were worried Get that man out of here! they said. He's not good for business, he's not good for the church, he's not good, period But Amos kept right on We do not know how long he lived after those exciting days in Bethel, but his speeches are not dead yet We can call him an early type of crusader. No popular occupation!

A crusader is next door to a crank, and some crusaders are cranks, and all cranks are nuisances; so most people shy away from the very word. However, we have other words meaning much the same thing. To crusade —it's no different from "stand up and fight," "stand up and be counted," "go out on a limb," "carry a torch for—," "go to bat (or to the mat) for—." Words change from century to century, but the thing is always the same. The crusader is a man with two slogans. He does not always put it this way, but these two are always samples of his attitude to life and the world around him: Something is wrong with the world: fight it!

Something is wrong with the world: right it!

### Crusading From the Bottom

If you think all's well with the world you are no crusader. If you think a lot is wrong with the world but nothing can be done about it, you are no crusader. But even if you can say Amen to those two slogans just now mentioned, you are still no crusader if all you do is stand there and yell. A true crusader wants other men to join his fight. That was true when the word began to be used, in the years when European army after army went out to the mideast to win back the Holy Land. It is still true, a crusader is a rouser of men, not merely an aroused man.

What makes a crusader tick? They both feel the weight of the world's evil, but in different ways. The crusader from the bottom is a man who has felt the evil Amos was in that class. He came from the very bottom drawer, a hired man in a submarginal area, next to beggars, about the most underprivileged of the underprivileged. He well knew what social and economic injustice are; he had been a victim of both. So today and always, some of the most effective crusaders are men and women who have personally been victimized by the evils they set out to destroy Some of the greatest temperance workers and crusaders have been men whose own lives had been wrecked by alcohol

### Crusader From the Top

The crusader from the top, on the contrary, is a man or woman who has never personally suffered from the evils they fight. They are people with both sympathy and imagination. Wilberforce in England and Lincoln in America had never been slaves, neither had John Woolfman; but they felt the evil of slavery more keenly than some slaves did. Frances E. Willard, founder of the Women's Christian Temperance Union, had never been an alcoholic. The greatest crusader of all time was surely Jesus Christ. Should we not say that he was a crusader from the top?

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service.)

THE FIRST WINNER OF the American Farmer Degree in the Solanco Groundhog FFA Chapter is Lester J. Wiker, R3 Quarryville. He won the degree for his achievements in leadership, agriculture and for good farming practices (LF Photo)

# Solanco FFA Graduate Receives American Farmer Degree for 1957

A 21-year-old Solanco High School graduate has been awarded the American Farmer Degree, the first ever awarded a Solanco FFA graduate.

The winner is Lester J Wiker, son of Mr Samuel F. Wiker, R3 Quarryville.

The American Farmer Degree is the highest that can be attained by a memebr of the Future Farmers of America and makes the recipient eligible to be named American Star Farmer of the Year, the ultimate honor possible

He will receive his degree during the 30th annual National FFA Convention this fall at Kansas City The Convention is held in conjunction with the American Royal Livestock Show.

The degree is based on agricultural and leadership achivements through high school and at least one year of farming after graduation.

Among his projects as a vo-ag student were swine, Ayrshire dairy heifers, tobacco, corn, wheat, barley and tomatoes

His Hampshire swine won several breed awards at the Southern Lancaster County Fair and at Farm Show. He was also a member of the stock judging team during FFA Week at Penn State.

He is currently operating two farms of 72 and 50 acres on shares as well as growing tobacco on his father's farm. In all he helps operate 200 acres, near Quarryville.

Still working with his Hampshire hogs, he is cross-breeding them with Yorkshires and has some 80 head on feed. He owns two tractors, a combine, corn picker and weed sprayer.

He was graduated from Solanco in 1954. He won his Green Hand, Chapter Farmer and Keystone degrees as a member of the Groundhog Chapter under the supervision of Jack Owen, Solanco vo-ag instructor.

He held the office of chapter reporter in 1952-53 and chapter treasurer the following year That year he was also county reporter. He received the Senior Plaque offered each year to the most outstanding senior FFA student.

Wiker was married June 30 to the former Miss Leah Burkholder of R2 Denver

## 'Flushing' Ewes Increase Number Of Twin Lambs

Scientists in Australia demonstrated how the lamb crop can be increased if the ewes are "Flushed" on an increasing feed scale so they are at top thriftiness when bred. The ration of the ewes was reduced six weeks before mating, then two weeks before mating, and for two weeks after, the ewes were given an increasing quantity of feed so that their weight was rising

A similar number of control ewes were fed on a normal constant level program

As reported in the Journal of the American Veterinary Medical Association, the flushed ewes had 63 sets of twins and a lambing percentage of 109. The ewes on a normal feeding program produced eight sets of twins and had a lambing percentage of 91. The percentage of ewes which conceived in the experimental and control groups were about the same.

Feeding is particularly important, the American Veterinary Medical Association said, during the last 50 days of gestation when the unborn lamb is making 75 per cent of its growth and when the ewe's udder is making its greatest development.

Undernourishment in this period can result in pregnancy disease and other ills The more pregnant animals must walk in search of feed, the more energy they require. Ewes allowed to become fat during early pregnancy are more susceptible to pregnancy poisoning, the Association said.

## Feed Additives Fail To Replace Management

Farmers feeding medicated substances to their animals are warned not to depend on these to replace good animal husbandry and sanitation practices by the American Veterinary Medical Association.

Medication added to feed to control certain specific disease conditions may not affect the particular problem concerning the animals of any one farm.

The visible signs of so many diseases are so similar, professional diagnosis, backed by laboratory tests, is frequently essential to clear up any particular condition, veterinary authorities said

Indiscriminate use of medicated feeds can lead to a sense of false security which may be expensive in terms of lost production, decreased efficiency and actual loss of infected animals.

# Henning Bans Oklahoma Cattle Due to Anthrax

HARRISBURG — As a measure of protection for Pennsylvania's livestock industry, State Secretary of Agriculture William L Henning today placed a ban on the importation of all species of livestock from the state of Oklahoma where parts of three counties are under quarantine due to an outbreak of a highly transmissible livestock disease known as anthrax.

Effective at once, the prohibition will continue until the Oklahoma quarantine is lifted, possibly "sometime in September," Henning declared.

In erecting the fence against Oklahoma cattle, swine and sheep, he said "livestock for immediate slaughter consigned to abbatoirs under full-time federal or state inspection service will not be affected by this prohibition, provided they are accompanied by a health certificate signed by the regulatory official of the Oklahoma State Department of Agriculture"

Kansas has established a road block against importation of livestock from Oklahoma where more than 600 animals, including 500 cattle, have fallen prey to the dread disease in less than a month according to reports received by Secretary Henning and Dr H A. Milo, director, State Bureau of Animal Industry

No anthrax cases have been diagnosed in Pennsylvania in the past eight years, making today's embargo action a movement to prevent possible outbreaks of anthrax and heavy financial losses to farmers

Anthrax disease spores, once established, can live in the soil for years, Dr Milo explained Most outbreaks occur when animals are on dry, short pastures Death comes suddenly and the animals have an enlarged spleen and very dark, uncoagulated blood.

Prior to 1949 Pennsylvania had only nine reported cases of anthrax. In July 1949 eight dairy cows died on a Franklin County farm but no deaths have been recorded since then.

# Poultrymen Received More in July For Products; No Feed Cost Change

HARRISBURG — Pennsylvania poultrymen received more for their products in July than for the previous month and there was no change in feed prices, the State Department of Agriculture said today

Egg production in July was 272 million eggs, one per cent below June and three per cent below July of last year The 2,125 million eggs produced in Pennsylvania during the first seven months of the year is above the production for the comparable period of 1956

A Pennsylvania Crop Reporting Service survey showed the average price received for commercial broilers was 23 cents a pound liveweight on July 15 This compares with 21 cents for June 15 and 22 and one half cents a pound paid July 15 a year ago Live turkeys, at 35 cents a pound, brought two cents more per pound than the previous month but three cents under the July 15, 1956 price

Poultrymen averaged 39 2 cents a dozen for eggs, nearly six cents a dozen above the June 15 price and four cents more than the price received for eggs on July 15, 1956

Feed costs on July 15 were down from a year ago for laying mash, scratch grain, broiler growing mash and poultry ration, but showed no change from a month earlier.

The number of layers on Pennsylvania farms in July was 15,744,000, up less than one per cent from the previous month but four per cent below July 1956.

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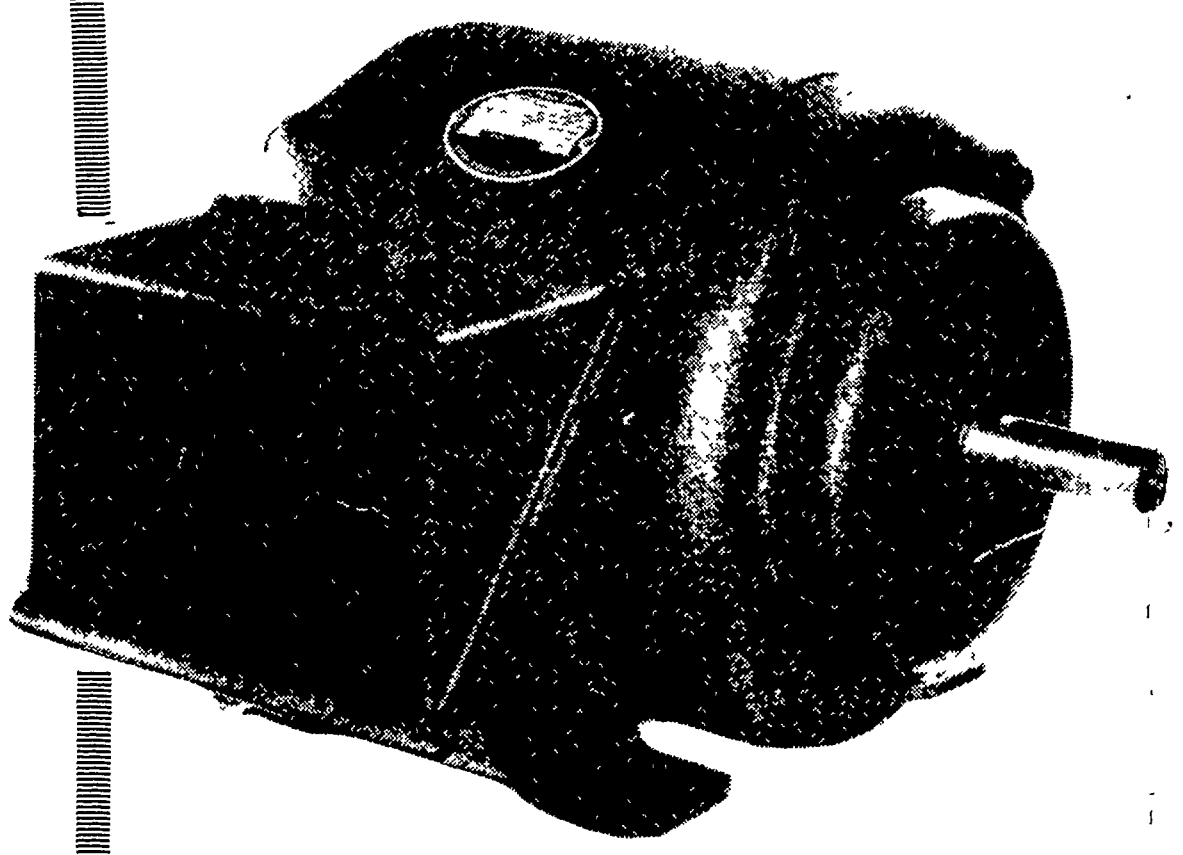

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# 550 Hear New Cattle Feeding Aids Explained

A crowd estimated at 550 heard some of the newest wrinkles in steer feeding explained at the Ralston Purina Co cattle feeding demonstration field day at the Lancaster Union Stock Yards Tuesday night

On hand for the meeting were John Thompson, director of feed research, St Louis, James Maw, eastern regional livestock manager, and H Clay Weaver, Lancaster County district salesman

Thompson said that Purina research has shown that silage, grass or corn, is the best and cheapest way to put gains on young steers He recommended silage with only a small amount of carbohydrate supplement up to 60 to 90 days before marketing

At that time, he said, the steers should go on full feed to be properly finished

He also answered questions on the use of hormones and mineral feed supplements

Highlight of the evening was the showing of results of two pens of steers which have been on feed at the Yards for the past 120 days A complete cost breakdown on the two feeding programs used was presented.


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# Dutch Elm Spread Can Be Stopped, Dr. Guyton Says

HARRISBURG — Spread of the serious Dutch elm disease in Pennsylvania can be curtailed provided owners of elm trees take proper precautionary measures, the State Department of Agriculture warned today following receipt of inquiries on control

Dutch elm disease, first found in Pennsylvania in the early 1930's, was believed brought to this country from Holland on a shipment of logs It is now found in all 67 counties in the State where elms are grown.

The disease is spread by the European and native bark beetles that fly from diseased to vigorous trees from mid-May to October The beetles are usually attracted to elms weakened by the elm leaf beetle

Dr Thomas L Guyton, director of the Bureau of Plant Industry in the Department of Agriculture, said the pest already has ruined the bulk of elms in some communities and on college campuses and estates

All diseased trees should be destroyed by cutting and burning, Dr Guyton said He added that this should be done before the activity of the beetle begins in May. If these steps are not taken beetles will spread the infection to other nearby healthy elms within a short period.

Diseased elms can be detected by their wilted leaves First signs of the disease as a rule are found in the top branches Dr Guyton recommended heavy dosages of DDT to be applied to all healthy ems in the Spring He added that elm trees should be fertilized to stimulate good, healthy growth

The State Department expert said persons in doubt of this disease should contact him at Harrisburg or their county agricultural agent

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Once infectious bronchitis is introduced in poultry, probably by carrier birds, man is likely to be the most important factor in spreading the disease from one flock to another, veterinary authorities report


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WARREN SICKMAN — R D 1 Pequea, Pa.
MUSSER'S — The Buck, R D 1, Quarryville, Pa.


# Farmers Asked To Look Out For Witchweed

Small reddish flowers on low-growing weeds may be danger signals to farmers, particularly in the Southeast, the U S Department of Agriculture warned today Witchweed, a parasitic plant that attacks corn and some other crops, has been found on about 38,000 acres near the coast in both North Carolina and South Carolina

Farmers in these and other States are asked to be on the lookout for an unfamiliar weed with bright green, slightly hairy leaves, and the bright, generally reddish flowers First discovered in this country in the fall of 1956, some witchweed plants were found first breaking the ground surface in latter May of this year in the Carolinas Wilting of volunteer corn plants was evident a few days later Witchweed roots penetrate roots of host plants, robbing them of food and water

**Symptoms of parasitism** resemble those produced by acute drought—stunting, wilting, and yellowing. The first witchweed blooms—small and usually brick red or scarlet, sometimes yellowish red, yellowish or almost white—appeared in early June, and will continue until frost Blooms are numerous

USDA's Agricultural Research Service and State pest control agencies are surveying intensively in areas adjacent to the area found infested by the weed in 1956 Thus far, it has shown up on 354 farms in eight counties in North Carolina, and on 116 farms in five South Carolina counties

**Surveys have been** made also in parts of Alabama Florida and Georgia, but without turning up any evidence of witchweed in these areas Farmers themselves, however, should search their land intensively for their own protection because destruction of plants now can save crop damage later and prevent spread to new area Corn failed completely in some infested fields in the Carolinas in 1956 and again this year

By the end of June this year, damage to corn was severe in all infested areas Parasitized corn plants wilt and growth ceases at about five feet in some areas in which normal corn plants grow eight to 10 feet tall

Anyone finding witchweed or suspecting its presence—is asked to notify his county agent The agent can arrange for positive identification and can suggest measures for eradication Witchweed plants or seed **should not be moved** from the field, since the minute seeds are easily spread

**Corn, sugarcane,** sorghum, many grasses, certain sedges, and some broadleaved plants are attacked by witchweed By the time the corn is ready to "lay by," crabgrass will be coming along—and witchweed attacks crabgrass The weed usually does not show up in cotton and tobacco fields early, but may appear there, if present, when crabgrass comes in Witchweed was observed last year parasitizing crabgrass in fields of tobacco, peanuts, beans, peas, and sweetpotatoes

One witchweed plant can produce up to half a million tiny seeds Pest control agencies are eager to find every patch of the pest they can this summer, to plan an action program and to prevent further spread

**A Federal quarantine** to regulate movement of articles that might spread witchweed from infested parts of the Carolinas will probably be imposed by mid-August North Carolina and South Carolina are expected to impose parallel State quarantines to cover intrastate movement of regulated products

U. S agriculturists are indebted to scientists in foreign lands for most of their present knowledge about witchweed. Research is now under way to learn whether the plant behaves the same in the United States as in is previously known habitats.

Singles copies of Watch Out for Witchweed, a leaflet illustrating the plant in color and suggesting control methods, may be obtained free from the Office of Information, U S Department of Agriculture Washington 25, D C. Ask for PA-331

WHEN BLOWN INTO a mow, leaves of chopped hay tend to separate from the stems. This undesirable and common occurence is prevented through the use of this elevator-distributor, built and tested by W. L Kjelgaard and agricultural associates at the Pennsylvania State University Agricultural Experiment Station. The distributor section, operated by a separate electric motor, may be lowered as the hay is removed and used as an aid in unloading the mow Hay placed on it may be carried to either end, depending on which direction the carrier is operated.
(Penn State Photo)


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# Supplemental Irrigation in East Illustrates Value This Year

Growing number of farmers along the East Coast - especially from North Carolina north to Massachusetts - are learning a dramatic lesson in 1957, about the value of supplement irrigation, the U. S. Department of Agriculture says.

Supplemental irrigation is the practice of bringing water to crops during short to medium dry spells in humid regions. Rainfall along the East Coast - particularly in the region between the extreme end of the coast - has been well below normal this year, causing considerable crop damage.

Irrigation in Delaware, Pennsylvania, and Connecticut are cases in point. In Delaware, irrigation systems numbered 124 at the start of the 1957 growing season, and it is reported that a number of additional farms were brought under irrigation as the drought developed this year The same thing happened in Connecticut where several new irrigation systems have been installed since the growing season started Pennsylvania has already added 20,000 irrigated acres to its total of 17,000 reported for the most recent official irrigation census, made in 1954.

These experiences are being repeated up and down the coast where irrigation has grown enormously in popularity in the last few years Traditionally, the normally well-watered East was believed not to need irrigation. (Delaware had only 20 irrigated farms as recently as 1953 ) The fact is, however, that supplemental irrigation is making a valuable contribution to farm prosperity in the area Some of the facts on eastern irrigation are these

1 There was a 70 per cent increase in irrigated acreage in 28 selected eastern States between 1949 and 1954, according to the 1954-55 census During the same years, the West's increase in irrigated acreage totaled 10 per cent A total of 546,000 acres was irrigated in the 28 eastern States in 1954. This figure makes a vivid contrast with the scant 39,000 acre irrigated in the same region during 1939.

2. Supplemental irrigation is becoming popular in States that have never known the more dramatic manifestations of aridity common to the west - such as dust storms and long-term drought. For example, in 1954 the three leading States in the 28-States area in term of irrigated acreage were Mississippi, with 151,772 acres irrigated, and New York and New Jersey with about 60,000 acres apiece

3. Besides tiding the farmer over short dry spells supplemental irrigation used in conjunction with fertilizers has promoted dramatic increase in per-acre yields. It is especially valuable where intensive cropping is the rule as it is in the East. Consequently, irrigation is being applied to a wide variety of high-value crops. These include vegetable. tobacco, corn, citrus fruit, rice. Irish potatoes, cotton, berries, and nuts. Even pasture has been aided profitably by irrigation. Six major crops - - rice, Irish potatoes, pasture, corn, cotton, and tobacco - - account for three-fifths of the total irrigated acreage.

4. More acres of rice than any other crop are irrigated in the 28-State area and most of this is produced in Mississippi. New York grows nearly two-fifths of the irrigated Irish potatoes, and New Jersey is the largest single grower of irrigated tomatoes, with 5 000 acres About a third of all irrigated tobacco is grown in North Carolina, but irrigated corn is not concentrated in any particular State.

5. Among eastern farmers the bulk of irrigation is confined to small acreages. Thirty-eight percent of the farmers irrigate fewer than 10 acres per farm, and another third irrigate from 20 to 99 acres. Only a few irrigate more than 100 acre.

Although the growth of irrigation has been spectacular in the 28 States studied, the total acreage is still only a fraction of the national total of close to 30 million acres. Arkansas, Louisiana, and Florida, east of the Great Plains but not included in the 28-State study area, account for about 2 million acres. There are more than 27 million irrigated acres in 17 Great Plains and Western States.

The East has a total of about 650,000 irrigated acres, according to the latest available figures Total acreage irrigated in a humid region depends upon rainfall in a particular year During wet years, farmers automatically cut down on the acreage irrigated During dry years farmers are prepared to irrigate considerably more than the 650,000 acres

Sources of water, ditribution systems used, and the costs of irrigation are variable depending upon a number of factor About half the farmers in the 28-State region studied draw their water from rivers or streams, and about five per cent get it from lakes or ponds About 20 per cent use springs and another 20 per cent use wells The remainder, located near large population centers in New York, New Jersey, Ohio, and Massachusetts, tap municipal reservoirs.

Sprinklers are the most popular method of irrigating in the East. About four-fifths of all farmers use them to water more than two-thirds of the irrigated acreage. Between five and 10 per cent use fixed overhead pipes, often in tandem with sprinklers. About two per cent use portable gate pipe, five per cent use ditches, and another five per cent, chiefly rice farmers, practice flooding.

Average investment in these installations is $5,500 a farm. By States, though, the average investment ranges from $2,800 to $10,000 a farm Average cost per acre in the region in $150, with a range by State of $5 to $500 an acre.

Total acreage irrigated has a marked effect upon cost Farmers with fewer than 10 acres of irrigated land have an investment of close to $500 an acre, while those irrigating more than 100 acres are investing $90 an acre and less

Cost figures include the purchase of sprinkler or other distribution equipment, drilling wells, constructing storage ponds, buying pipe, or preparing land

The 28 elected Eastern States on which these irrigation figures were compiled are. Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island, New York New Jersey, Pennsylvania, Maryland, Delaware, Virginia, North Carolina, South Carolina, Georgia, Alabama, Mississippi, Tennessee, Kentucky, West Missouri and Iowa

# Charles Hollinger Egg Production Contest Winner

With an average production of 81 per cent over eight months, Charles Hollinger, R2 Lititz, won the egg laying contest sponsored by Eby's Mill Inc, Lititz Feed conversion was 3 8

Others placing at the top in the contest were Howard Martin, R2 Lititz; Graybill Hollinger, R2 Lititz; Noah W Kreider & Sons, R3 Manheim, and Melvin Bucher, R1 Lititz

Awards were presented at a dinner meeting Thursday at Warwick High School Auditorium, Lititz

Speaker was Dr. Leo Curtin, associate director of McMillen Mills research staff His subject was "Feed Today and Tomorrow"

Lester Kreider,
Mt Joy, Pennsylvania


*Pennsylvania feeder runs own split feeding test...*

## Purina-fed steers gain 25½% more ...sell 50¢ per 100 higher

Sometimes it's hard to see the difference in feeds just by looking at them. Same way when you listen to the sales stories. So Lester Kreider, of Mt. Joy, Pennsylvania, ran his own split feeding test.

Out of a group of 20, he separated six steers and put them on a ration of corn and cob chop, barley, molasses, and Purina Steer Fatena 32% with stilbestrol. The other 14 steers went on the same ration except for the protein supplement. A competitive brand was used as a direct comparison.

**100 DAYS LATER...**

Mr. Kreider paid $17.60 per hundred pounds for the six Purina-fed cattle. 300 pounds (average per steer) and 100 days later, he sold them for $21.00 per hundred. Average daily gain was exactly 3 pounds.

The fourteen head on a competitive ration were slightly higher quality cattle, and cost Mr. Kreider $18.50 per hundred. Yet after 100 days on feed, they showed only 2.39 pounds daily gain, and brought 50¢ less per hundred at market than the six Steer Fatena-fed steers.

**NAME YOUR RATION**

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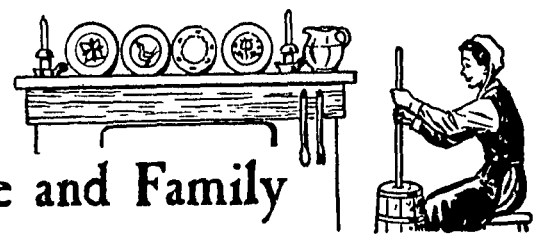

# For the Farm Wife and Family

## Sherbet, Ices, Ice Cream Can Add Extra Taste to Summer Fruit Salads

Do you remember what makes ices, sherbets, and ice creams different from each other?

An ice is a mixture of fruit juices, sugar and flavoring. A sherbet is an ice, but with egg whites, milk, cream, or gelatin added. Ice creams have a base of either cream or custard, beaten during freezing.

These frozen products can be easily made at home, thanks to modern refrigerators. A scoop of homemade, refreshing sherbet or ice dresses up a salad or fruit cup. It's also a welcome addition to a fruit juice blend. Serve ices with chicken or turkey. Fill smaller paper cups with an ice, freeze beforehand, and serve right on the dinner plate.

* * *

We have an answer to a request today. Mrs Omar Umble sends in a recipe for Kosher Dill Pickles which was requested several weeks ago. She says in her letter.

We enjoy your paper. Thanks to the ladies who have contributed recipes; have tried a number of them and they were good. Someone requested a recipe for Kosher Dill Pickles Here's the one I use.

**KOSHER DILL PICKLES**

**Mrs. Omar Umble, Atglen, Pa.**

35-40 3-inch pickles
1 cup pickling salt
8 cups water
2 cups vinegar
3 cups water
8 bunches dill
8 small hot red peppers
8 buttons garlic
2 tablespoons pickling spice

Wash and dry pickles. Soak 24 hours in brine made of one cup salt, eight cups water

Remove pickles from brine and dry. Combine vinegar, three cups water, pickling spices and dill. Place on high heat. Bring to a boil; add pickles. Remove from heat. Pack into hot sterilized jars with at least one bunch dill, two hot red peppers and two buttons garlic. Place vinegar back on high heat. Bring to boil. Pour boiling liquid over pickles to within ½ inch of top of jars. Seal at once.

* * *

Mrs. Umble also has an answer to another problem:

To Mrs. Harvey Kurtz and Mrs. Tom Millard, Elverson, Pa. who requested ways to put coconut on cakes.

Ice layers, put together, then ice the side all around. Put coconut in soup plate, then lift cake by top and bottom and turn in the coconut until all iced side is covered with coconut; then put cake on plate, ice top and put coconut on top, patting with spatula or hand.

* * *

**SANDWICH SUGGESTION**

Ever try making sandwiches with frozen slices of bread?

Making sandwiches this way keeps the fresh quality of bread. It will also help "refrigerate" the lunch box — and save time in making sandwiches.

Bread is easier to spread when frozen than when soft and crumbly. The chill from frozen slices put together in closely wrapped sandwiches keeps the filling in between fresh — even keeps lettuce crisp for several hours. That chill also keeps other foods in the lunchbox cold. Then, when the slices thaw, they have the characteristics of fresh bread. All in all, it may be considered a "cool" idea, especially for summer months when lunches often suffer from hot weather.

The best way to keep bread fresh and avoid staling is to keep it frozen — in the freezer, the frozen food compartment, or even the "ice cube" compartment of the refrigerator. Many families purchase a supply of bread for a week or two and keep it in their freezers. Frozen sliced loaves are especially convenient because the slices separate readily without thawing and may be used frozen not only for sandwiches but also for toasting. A frozen loaf thaws in 3 to 4 hours at room temperature. Frozen slices thaw more quickly.

* * *

Summertime is saladtime and here is one that we're sure everyone will like. It's main ingredient is the ever-popular carrot.

**CARROT-NUT SALAD**

2 cups coarsely grated carrots
1 green pepper chopped
1 teaspoon minced onion
¼ teaspoon salt
⅓ cup nuts
¼ cup mayonnaise dressing
Lettuce
2 hard-cook eggs
½ cup pimento stuffed olives, sliced

Combine grated carrots with green pepper, minced onion, salt, coarsely-cut pecans or English walnuts and salad dressing. Serve on lettuce and garnish with sliced stuffed olives and quartered hard-cooked eggs.

Menu suggestion: Beef patties, corn on the cob, green beans, carrot-nut salad, biscuits, butter and sliced peaches with cream.

* * *

One of our readers, Mrs. S. Wayne Grube, RD#1, Lititz, writes to us and says

I sure would miss this paper as I look forward to seeing the new recipes every week. I often try some of them. After I made the Black Joe chocolate cake my husband said as far as he is concerned I can throw all my other chocolate cake recipes out.

I had another that I liked very much and I mislaid it I think it was sent by a Miss E. H If you still have it would you please print it again. It was a Maraschino Cherry Cake.

* * *

Well, Mrs. Grube, we cannot seem to locate the recipe you are looking for. Maybe one of our readers has kept the recipe or maybe Miss E. H. will see this and send it to you or to us. In the meantime here is a recipe to help you out in case you cannot locate the one you are looking for.

**MARASCHINO CHERRY CAKE**

Cream together until fluffy:
⅔ cup soft shortening (half butter for flavor)
1½ cups sugar
Sift together:
3 cups sifted cake flour
2½ teaspoons baking powder
1 teaspoon salt
Add alternately with:
¼ cup cherry juice
¾ cup milk
Stir in:
½ cup chopped nuts
16 maraschino cherries, cut in eighths
Fold in:
5 egg whites (⅔ cup) stiffly beaten

Pour into two 9-inch layer pans or one 13x9" oblong pan. Bake layers or oblong for 30 to 35 minutes at 350 degrees.

You might also like to try this recipe for a

**MARASCHINO CHERRY CAKE**

Sift together:
2½ cups flour
1½ cups sugar
3 teaspoons baking powder
½ teaspoon salt
Add:
½ cup shortening
¼ cup maraschino cherry juice
½ cup milk
16 maraschino cherries, cut in eighths

Cut shortening into sifted dry ingredients Add milk and cherry juice. Beat vigorously with spoon or on medium speed of electric mixture for two minutes. Fold in cherries.

Add.
4 large unbeaten egg whites
Beat two more minutes
Fold in one-half cup chopped nuts

Pour in greased layer pans and bake for 30 minutes at 350 degrees. Makes two 9-inch layers.

* * *

Meat in every dish from cocktail to dessert sounds highly unlikely, doesn't it. Yet a way has been found to serve meat four times in one meal. We wouldn't recommend this menu everyday but here it is to show you it can be done. And quite tasty it sounds, too.

**THE COCKTAIL:** Pour cocktail juice over one-half cup cold roast veal (cut in ½-inch cubes) and one-half cup chopped celery. It makes a sort of shrimp cocktail without shrimp — but good. (The sauce — catsup or chili sauce with a taste of horseradish added).

**THE MAIN DISH:** Combine browned, cubed chunks of beef shank, irish potatoes cut for french fries, carrots peeled and split, and onions sliced ¼-inch thick. Wrap the ingredients together in aluminum foil and bake in a 350 degree oven for about one and one-half hours (or in the coals of an outdoor grill).

**THE SALAD:** Cook one onion in two cups of beef stock — the liquid that comes from stewing a not-so-tender piece of beef. Discard the onion. Soak one envelope of gelatin in one cup of cold water for five minutes and add the two cups of stock. Add the juice of one lemon and cool until it begins to thicken. Then add two cups chopped cold veal, one-fourth cup sliced stuffed olives, and one-half teaspoon chopped parsley Put into a mold and chill until set.

**THE DESSERT:** Vanilla ice cream with mincemeat sauce. To make the sauce, combine one cup moist mincemeat with the grated rind of one orange and enough orange juice to give it the consistency you like.

How's that for a meal with lots of beef — and ingenuity?

(Continued on page 9)


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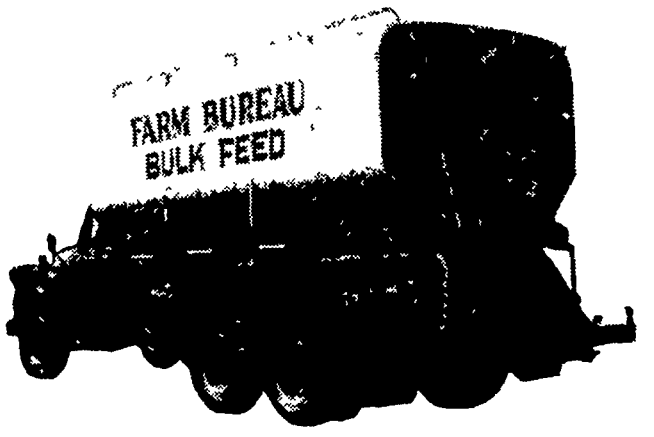
| Fiber | 10% | 9% |

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LANCASTER COUNTY 1957-1958 Peach Queen is Miss Joanne Gamber, daughter of Mr. and Mrs. Arthur B. Gamber, 2403 New Holland Pk., Lancaster. She won the title by preparing a peach dessert Friday at a contest held at the Griest Building in Lancaster. Runners-up were Misses Sylvia Swarr, 42 East Second St, Lancaster, and Sandra Rutt, R1 Stevens. The queen will compete in the state finals at York tomorrow.

# For Farm Women . . .

(Continued from page 8)

Looking for a one-dish meal that is easy, as well as satisfying to the appetite? Try this meatless casserole.

**EGG-CHEESE- POTATO- SCALLOP**

4 to six hard cooked eggs
2 cups cubed cooked potatoes
1 cup shredded cheese
1 cup milk
1 tablespoon flour
1 tablespoon butter
1 teaspoon salt
½ teaspoon pepper
½ cup soft bread crumbs

Hard cook the eggs and cube the cooked potatoes. Make a white sauce by melting butter, stirring in flour to a smooth paste and adding milk. Cool until slightly thickened. Add seasoning.

In a greased casserole, place alternate layers of potatoes, sliced eggs and shredded cheese. Pour white sauce over all and sprinkle with buttered soft crumbs. Bake in moderate oven, 375 degrees, for 20 minutes. Serves four.

This recipe calls for canned peaches but fresh peaches could be substituted

**FROZEN-PEACH CUSTARD**

Turn temperature control of refrigerator to coldest setting.

Then drain.

One No 2½ can cling-peach slices

Puree peach slices in food mill or press through sieve. Now separate

2 eggs

Beat whites till they form stiff peakes. With same batter, beat yolks till lightcolored, then beat in·

½ cup sifted confectioners' sugar

Now stir in·

¼ cup sifted confectioners' sugar
2 tablespoons lemon juice
Puree peaches
¼ teaspoon almond extract

Fold in beaten egg whites and

½ cup heavy cream, whipped

Pour this fluffy peach mixture into 2 ice-cube trays and freeze until almost firm Then reset temperature control and serve peach custard at once Makes 8 servings.

Peaches also make excellent jams and jellies.

**PEACH JAM**

4¼ cups crushed peaches (takes about three and one-half pounds peaches)
¼ cup lemon juice
7 cups sugar
½ bottle liquid pectin

To prepare fruit — Sort and wash fully ripe peaches. Remove stems, skins, and pits. Crush the peaches.

To make jam — Measure crushed peaches into a kettle. Add lemon juice and sugar and stir well. Place on high heat and, stirring constantly, bring quickly to a full boil with bubbles over the entire surface. Boil hard for 1 minute, stirring constantly.

Remove from heat, add the pectin, and alternately skim and stir for 5 minutes. Ladle jam into hot containers and seal immediately. Makes about 11 six-ounce glasses.

**PEACH-ORANGE MARMALADE**

5 cups finely chopped or ground peaches (takes about four pounds peaches)
1 cup finely chopped or two medium-sized oranges) ground orange (takes about
Peel of one orange, shredded very fine
Kernels from 6 peach pits, ground
2 tablespoons lemon juice
6 cups sugar

To prepare fruit — Sort and wash fully ripe peaches Remove stems, skins, and pits. Finely chop or grind peaches.

Remove peel, white portion, and seeds from oranges. Finely chop or grind pulp.

To make marmalade — Measure the prepared fruit into a kettle Add remaining ingredients and stir well. Boil rapidly, stirring constantly, to 9 degrees F. above the boiling point of water, or until the moisture thikens Remove from heat, skim and stir alternately for 5 minutes Ladle marmalade into hot containers and seal immediately Makes about 8 six-ounce glasses.

Native blackberries which are in abundance this year should be enjoyed to the fullest in jam and jelly and in the old-time desserts — blackberry cobbler, roll and pie. An easy-to-make dessert that doesn't require the use of the oven is suggested for cool summer refreshment.

**BLACKBERRY CREAM**

1 tablespoon unflavored gelatin
¼ cup cold water
1 cup crushed blackberries and juice
1 tablespoon lemon juice
¼ teaspoon salt
½cup sugar
1 cup whipping cream

Sprinkle gelatin over cold water in a bowl and let stand 3 minutes. Place bowl over boiling water and stir until gelatin is dissolved. Add crushed blackberries, lemon juice, salt and sugar. Stir until sugar is dissolved. Chill, and when mixture begins to thicken, fold in the cream that has been whipped. Pour into a quart mold or individual molds. Place in refrigerator until firm. Unmold and garnish with blackberries.

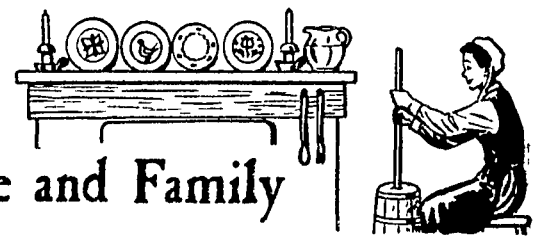
Menu suggestion: Fried chicken, new potatoes in cream sauce, baby lima beans, sliced tomato and cucumber salad, biscuits, butter and blackberry cream.

Use lemon for summer meals that will satisfy both the most finicky gourmets and those who only go for the most plain fare.

A sprinkling of lemon sharpens the taste of such sweet tasting fruits as bananas and melons. A salad would not be complete without lemon juice, nor would most salad dressings. A little lemon enhances the flavor of beets, carrots, spinach, cauliflower, and other cooked vegetables Fish is better for its tartness, and so is meat.

For those on low sodium diets, lemon is indispensable to an otherwise rather tasteless diet.

(Continued on page 10)



# For the Farm Wife and Family

**JOLLY STICHERS 4-H CLUB END PROJECT YEAR**

The final meeting of the Jolly Sichers 4-H Club was held Monday afternoon at the Farmersville School, Farmersville.

Most of the girls finished their projects if they were not already completed, according to club reporter Cynthia Buchwalter.

Roberta Ranch was chosen to be the Farmersville contestant in the "Posture Queen" contest at the Roundup.

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**Norristown WNAR 8:00 A. M.**
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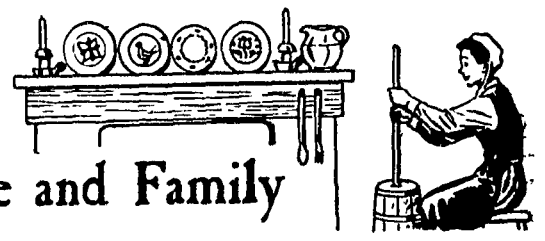

# For the Farm Wife and Family

(Continued from page 9)

**HOUSEHOLD HINTS**

Storing canned hams — Keep hams (three pounds or over) in your refrigerator until ready to use, both before and after the can has been opened. Freezing is not recommended for canned ham since it may be stored as long as six months in the refrigerator. The flavor of the cured pork holds better at temperature above freezing.

Frankfurters are already cooked when you buy them, and require only heating through.

Cook and cool fresh pineapple before it is added to gelatin, or the gelatin will not solidify.

On hot days drink water and fruit juices liberally, but remember — and remind the children — that ice-cold liquids should be sipped slowly Gulping can produce stomach cramps.

Don't leave kitchen utensils with painted wooden handles in hot water The water will cause the paint to chip.

Remove cheese from the refrigerator at least a half hour before serving It will have extra flavor served at room temperature

Fancy-packed jars of canned vegetables indicate that the recommendation to fill jars quickly was not followed.

In canning, keep the raw product as cool as possible until it is given the heat treatment

Now you can brush-scrub plastic-impregnated fabric window shades with thin, "dry" soap or detergent suds After sudsing, simply rinse with a cloth or sponge wrung out of warm water and wipe dry. Rehang at the windows and leave unrolled until thoroughly dry. Then roll them tight and leave overnight.

Be sure the hat you buy is as wide as the widest part of your face. Otherwise, your hat will bulge out underneath it and any defect of contour or features will be exaggerated and underscored.

For veal steak that is juicy, moist, and fork tender, cook it slowly with a small amount of liquid Because of the delicate flavor of veal and the small amount of fat, steaks cut from veal don't make satisfactory broiling meats For best flavor, dip veal steak in flour, brown in hot fat, then cook slowly with a small amount of liquid until tender.

If a child is afraid of staying in bed in the dark, try to make going to bed a happy time. Spend a few minutes with him after the lights are out, or arrange to have a light he can reach from his bed or leave the light on At the same time assure him that some day he won't mind the dark.

A dish of ammonia left in the oven overnight loosens burned-on grease. In the morning, a damp cloth should be all that's needed to remove the spots. Steel wool will remove the stubborn stains.

That about does it for today. We'll be back next week with more recipes for you.

## Colostrum Best Calf 'Wonder Drug'

Young calves are easy targets for digestive diseases, the American Veterinary Medical Association warns farmers. The cow's first milk, in large doses, is the best means of preventing these diseases, the Association says.

This first milk is called colostrum which is more valuable than many of the "wonder drugs" in safeguarding against certain calf diseases, according to veterinary medical authorities.

Colostrum, produced by cows after freshening, contains many health guarding substances and antibodies not found in milk produced shortly after calving. Research by veterinarians has shown that feeding a small amount of colostrum in addition to the cow's regular milk leaves calves highly resistant to scours and other intestinal disturbances.

Colostrum may be frozen and used to supplement the colostrum in the dam's milk during the first few weeks of a calf's life, the Association said.

## 25,000 Animals Checked For Importation

More than 25,000 animals ranging from common ordinary mules to rare okapis were examined by veterinarians for importation or export at ports of U. S. entry in 1956, according to U S D.A. figures.

Livestock shipments by air during the year were the heaviest in history. Aircraft carried 63 per cent of all U. S. livestock exported in 1956

Increased trade in animals for agricultural and zoological purposes, coupled with more rapid means of transportation has increased the hazard to livestock and public health from foreign animal diseases.

Veterinary inspection of imported animals is a vital factor in preventing the entry of new diseases, according to the American Veterinary Medical Association. Inspection of animals for export is also of value in maintaining foreign markets for U. S. livestock and livestock products because foreign customers are assured of healthy livestock and wholesome animal products.

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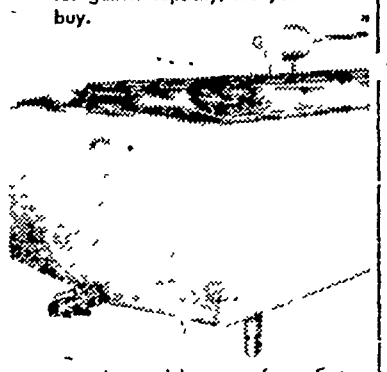

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## Society 8 Tours Jubilee Kitchens Farm Museum

Society of Farm Women 8 toured the kitchens at the Intercourse Jubilee Saturday. They also visited Landis Valley Farm Museum and then held a short business meeting.

Mrs. Lewis Bixler is in charge of the Society's food contribution to the migrant workers picnic to be held tomorrow at the Donegal Springs Club House.

In September a committee will visit the County Home to distribute refreshments to the guests. Society 7 will co-operate in this project

The next meeting will be Sept. 21 at Donegal Club House. Guests will be members of Society 19.

## Farm Women 14 Hold Picnic At Paradise

Society of Farm Women 14 entertained their families at a picnic and doggie roast Aug. 14 at Paradise Memorial Park. Approximately 100 person attended.

Games were played and Harold Keneagy of Paradise gave an illustrated lecture on miscellaneous subjects.

The next meeting will be at 1:30 p. m , Sept. 11 at Strasburg Fire Hall. A flower show will be held at that time and members of Society 9 will be guests.

Hostesses will be Mrs. Clarence Groff, Mrs. Clarence Herr, Mrs. Warren Hershey, Mrs. John Hershey, Mrs. Vincent Hershey and Mrs. Walter Hemmelreich.

## Farm Calendar

**Mon., Aug. 26**

National Flying Farmers Assn convention in Chicago.

**Tues., Aug. 27**

Chester-Delaware County 4-H Pig Sale—8 30 p. m at Exton Livestock Auction.

**Wed., Aug. 28**

4-H Pig Club Sale—Lancaster Union Stock Yards.

**Thurs., Aug. 29**

District 4-H Dairy Show — Guernsey Sales Pavilion, Highway 30 East, Lancaster.

Farm Equipment Dealers Picnic—afternoon and evening at New Holland Park.

**Fri., Aug. 30**

4-H Tomato Roundup

# State Poultry Queen, Cooking Champ To Be Selected at Hershey Tomorrow

HARRISBURG, Pa. — Pennsylvania State Poultry Queen and Pennsylvania Cooking Contests will be held at the 7th annual Poultry Festival in Hershey, tomorrow afternoon. The Pennsylvania Poultry Federation in cooperation with county poultry associations have held a series of barbecues throughout the state during the summer at which time county poultry queens and county poultry cooking champions were selected. These finalists will be competing for the state titles at Hershey.

The County Queens were selected on the basis of beauty, poise, personality and achievements in agriculture. The ten entrants in the Poultry Queen contest to be held at 2:30 p. m. tomorrow, in the football stadium at Hershey Park are Berks County — Janet Althouse, R3 Fleetwood; Blair County — Janet Ann Walker, R2 Box 336, Tyrone, Bucks County — Sally Jones, Buckingham; **Lancaster County Marcalena Hess, Bareville;** Lebanon County — Jean Ann Bashore, Fredericksburg; Northeastern — Penny Hoffman, R1 Catawissa, Perry County — Sandra Fosselman, Newport; Schuylkill County — Kathryn Maurer, Klingerstown; Snyder County — Naomi Reichenbach, R2 Mt. Pleasant Mills; and York County — Margaret McPherson, New Park

Miss Mary Rissinger, Home Economist from Pennsylvania State University, University Park; Richard Clark, WFIL-TV, Philadelphia; and Dr. M. W. Allam. University of Pennsylvania, Philadelphia, will serve as judges for the Poultry Queen contest. Master of Ceremonies will be Edmond Fish, Public Relations Dept., A & P Food Stores, Pittsburgh.

Of equal importance is the cooking contest to be held at 1 p. m. on the park athletic field. Area champions competing in the Senior Division of the contest are Berks County — Mrs. J. Harold Phillips, R1 West Leesport, Lancaster County — W. R. Hutchinson, 334 North Charlotte St., Lancaster; Lebanon County — Mrs. Marvin Weller, North Race St, Richland; Northeastern, Mrs. Arthur P. Fisher, 516 Second St., Towanda. Area champions in the Junior Division of the Contest are: Berks County — Miss Barbara Blatt, R1 Robesonia; Lancaster County — Miss Barbara Eby, 1013 Lititz Pike, Lancaster; Lebanon County — Miss Pauline Long, R3 Myerstown — Miss Kathryn Yoselson, R1 Montrose.

The judges of the cooking contest are: Mrs. Clio S. Reinwald, Home Economics Department of Public Instruction, Harrisburg; Miss Anna P. K. Stapler, nutrition consultant, Pennsylvania Department of Health, Philadelphia, and Miss Doris Conklin, home economics education, West Chester.

The winners of both contests will be named before the coronation ceremonies at 7:30 p. m in the football stadium at Hershey. The new poultry queen and cooking champion will reign over the Pennsylvania Poultry Federation's activities during the coming year.

These contests are part of the poultry festival which is held in conjunction with the Pennsylvania Dutch Days Committee at Hershey. The Pennsylvania Poultry Federation will have poultry exhibits in the park athletic field, open from 10 a. m. to 9 p. m. daily. Other features of the poultry festival are a food booth serving barbecued chicken, barbecued turkey sandwiches, chicken corn soup and other food delicacies. Climaxing the program will be a state-wide barbecue to be held on Saturday at which time they will serve thousands of people a full course barbecued chicken dinner.

## Chemical Thinners Gaining Popularity

The use of chemical sprays for thinning apples and other deciduous tree fruits is expected to become more popular among commercial growers as a means of getting fruit of better size and finish and to achieve annual rather than biennial bearing, according to USDA horticulturists.

Another advantage of spray thinning, the horticulturists point out, is the lower cost of this method and the need for less hand thinning. Hand thinning of heavily loaded trees may cost as much as 75 to 200 dollars an acre, compared with 5 to 6 dollars for a spray application.


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"HOW TO DETERMINE Size and Speed of pulleys was the subject of an agricultural safety demonstration presented by Kenneth Porter, left, and Donald Harnish at State 4-H Club Week. This demonstration was second place (Penn State Photo)

# 5,000 Additional Cows Production Equal to Preceeding Year's Record

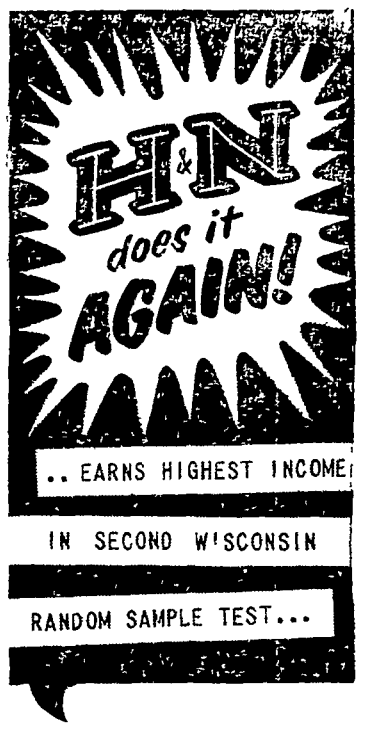
HARRISBURG — Although 5,000 more cows were milked during July than a year ago, milk production at 556 million pounds equaled but failed to exceed last year's record high for the month, the State Department of Agriculture said today

Average production per cow at 585 pounds was down about one per cent from a year ago and was contrary to the trend toward high production rates, Federal-State surveys showed The increase in milk cow numbers offset the lower production rate Milk production for the first seven months in 1957 at 3 967 million pounds was two per cent below the 4,033 million pounds for January through July last year

Poor pasture conditions were cited for holding production at the same level as July 1956 Pastures averaged only 61 per cent of normal This compares with 81 per cent for the month previous and the 92 per cent for July 1956

Average prices paid farmers for milk at wholesale continued to increase for the month of July, a preliminary price report shows Farmers received an average of $4.70 per hundred pounds This compares with a revised $440 per hundredweight average received in June and $4 45 in July 1956

Feed prices remained fairly steady as of July 15 However, baled alfalfa hay was up $2 a ton to $34 a ton from the month previous while other baled hay at $26 50 was one dollar higher than a month earlier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# Juniata Pen Moves to Second In Egg Contest

HARRISBURG — A pen of Juniata County birds has moved into second place in the 26th annual Pennsylvania Official Egg Laying Test, the State Department of Agriculture reported Wednesday.

The 13 White Leghorns of Leo J Graybill of McAlisterville have produced 3,303 eggs during the test which began last October This pen has been among the top ten for ten months

The Pennsylvania test, one of eight in the nation, has seven Keystone State producers in the first ten This is the second consecutive month seven have shared this honor. Entries in the test are from 12 states

Other Pennsylvania producers and their rankings include Guy A Leader and Sons, York, fourth, L E Tice, Hummelstown, fifth, Greider Leghorn Farms, Mt Joy, sixth, Spring Run Poultry Farm, Parkesburg, seventh, Greider Leghorn Farms, Mt Joy, eighth and Leo J. Graybill Poultry Farms, tenth.

The Pennsylvania test is led by Darby Leghorn Farm, Somerville, N J., with 3,370 eggs and 3,591 points A point is given for each 2 ounce egg.

The Graybil pen of birds replaced Harco Orchard and Poultry Farm of South Easton, Mass, in second place in the Pennsylvania test. The Harco pen had led the test for eight months, but one of its 13 birds died in July to reduce the monthly production.


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# PENB Moving General Office To Chicago

Paving the way for the relocation of headquarters of the Poultry and Egg National Board in Chicago, the PEND board of directors has authorized its executive committee to "negotiate a favorable sale of the St. Charles property and move the office to a new site in the Chicago area."

The decision was made by unanimous vote following discussion on the advantages of reestablishing the national office in a large city The board meeting followed a series of PENB advisory committee meetings held during the 41st annual convention of the American Poultry and Hatchery Federation

The board also approved these important motions

**1. That the executive** committee accept the recommndation of the Southern Branch Office Committee that the various egg organizations in the seven southern states will collect egg promotion monies, retaining 25 per cent of the money for local promotion and turning the remaining 75 per cent over to the Chicago general offie of PENB.

The genral office will pay the salary and expenses of the Southern manager and necessary help, and will crdit up to 50 per cent of all funds collected in the area for egg promotion work in the area Since the Southern manager will also be working on the promotion of broilers and turkeys, approximately 40 per cent of the expenss of the Southern office will be charged to broilers and turkeys.

**2. That the board** authorizes the general manager to check with Dr W. J. Stadelman, chairman of the PENB Technical Advisory Committee, on the advisability of setting up a continuous screening and briefing of the literature for both technical and applied research of value to the poultry industry.

Lloyd H Geil, PENB general manager, presented recommendations for improving th services of PENB He stressed the need for greater emphasis on nutrition research, more effort in educational and professional fields, intensified activity with service clubs and other leadership groups, and an enlarged program for interpreting PENB's work to the industry. He also emphasized the need for modernizing the PENB laboratory kitchen with equipment that will will keep PENB "up with the times and ahead of the parade."

## Veterinarians Face Disease Hazards

At a recent veterinary association meeting in Ohio, 178 veterinarians submitted in blood tests for leptospirosis, psittacosis (parrot fever), brucellosis, and Q-fever All of these diseases of animals can be transmitted to man, according to the American Veterinary Medical Association

The highest incidence of positive reaction to these diseases occurred among 88 veterinarians working chiefly with farm animals Of these men, 12 showed positive reactions to the test for Q-fever, 10 for brucellosis, four for psittacosis and one for leptospirosis, as reported in the Journal of the Association

Veterinarians, the Association pointed out, are frequently exposed to diseases which can be transmitted from animals to man and vice versa.

All the men tested, according to the report, had subclinical cases They neither felt ill nor showed any signs of disease Laboratory tests were required for these diagnoses.


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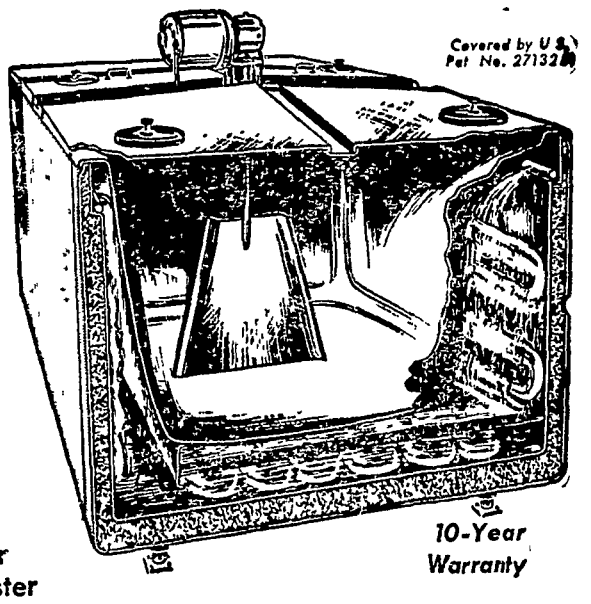

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# USDA Seeking Methods to Cut Pasture Establishment Costs

Agricultural engineers, crops specialists, and soil management researchers of the U S Department of Agriculture have begun a three-pronged attack on the high cost of pasture establishment.

This research project is being carried on by USDA's Agricultural Research Service, in cooperation with experiment stations in several States, in an effort to reduce the high costs of pasture land preparation, fertilizing, and seeding, and to learn the cause of the numerous failures of pasture seedings

Preliminary tests during the past six years—principally in the South—indicate that farmers may be able to establish hay and pasture crops for less than the currently estimated annual figure of $300 million for legume and grass seeds and fertilizer

**These experiments** show that it is possible to establish good stands with one half the seed and one-third the fertilizer commonly regarded as necessary with conventional seeding methods Fertilizing at a lower rate, with proper placement, helped to hold back weeds, which are a major problem in pasture establishment

This research is especially important to farmers participating in the Conservation Reserve of the Soil Bank Program. Under the new law, farmers receive payments amounting to about 80 per cent of the cost of establishing a cover the first year and land rental payments each succeeding year their contracts are in effect, providing they agree not to graze the land or harvest a hay crop from it However, should their first seeding attempt fail they must stand the full cost of establishing the pasture crops in subsequent years It now takes, on the average, two year to establish a seeding

Additional research on pasture establishment is necessary, not only in the South, but also in other areas of the country, Department scientists say. They have found that a number of factors influence the success of pasture seedings, including the preparation and firmness of the seedbed, depth of seed planting, precision placement of seed and fertilizer, firmness of the soil around the seed, the final condition and form of the surface soil, and row spacing of drilled seed.

**Special equipment** was designed and constructed at the Agricultural Research Center, Beltsville, Md, to meet the planting and fertilizing requirements of the various experiments Two combination drill-fertilizer machines were used in tests at Clemson, S C, Auburn, Ala, and Tifton, Ga, in 1951 and 1952

Four other improved models of these machines have been developed and put into operation in the field These machines have been altered in most cases to meet local conditions

In the Midwest, studies are underway at East Lansing, Mich., comparing stands of winter grain with and without legumes, and researchers in Wisconsin, Illinois, and Iowa are testing inter-seding of row crops, mainly corn.

On the Eastern seaboard, in the Pacific Northwest, and in the Southeast work is determine precision planting and fertilizing methods that will net the best stands. Work is just getting started in the Southwest where heat and wind necessitate mulch planting of grasses and legumes.

A number of other States have indicated their interest in conducting similar experiments.

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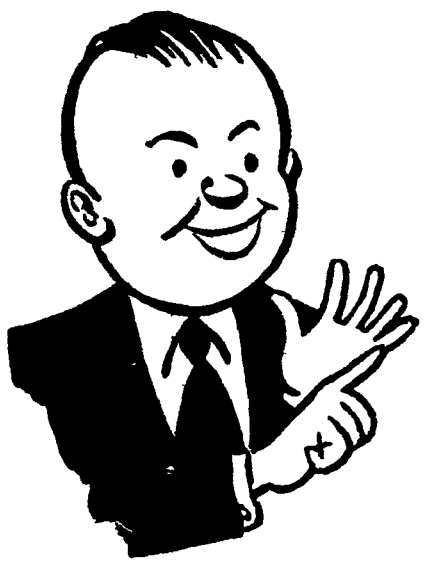
The incidence of herniated discs in the spine of a dog is most likely to occur between the ages of 3 to 8 years, veterinary authorities say.

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# Crop Production Decline Sharply In Last Month

HARRISBURG — Pennsylvania crop production estimates took a sharp decline for the month ended August 1, the State Department of Agriculture announced Friday

The severe drought in the southeastern part of the state was said responsible for holding statewide production below normal

The Pennsylvania Crop Reporting Service pointed out that pastures were the most severely hit in the state and were 61 per cent of normal on August 1 This compares with 92 per cent of normal on the same day last year and a 10-year average of 74 per cent of normal

Of the nine principal field crops grown in Pennsylvania, only oats, rye and alfalfa production estimates are forecast higher this year than they were for 1956 Yields per acre are expected to be higher for oats, barley and rye, the survey showed Production of all hay is indicated lower than last year

Yields for tobacco are estimated at 1,550 pounds compared with 1,625 for July 1 and 1,700 pounds for last year's crop. Estimated total production of 46,500,000 pounds is 5 per cent below the July estimate of 48,750,000 pounds of tobacco

First 1957 estimates on Pennsylvania production of late potatoes give a total crop of 7,052,000 hundredweight compared with 7,706,000 hundredweight last year, a drop of eight per cent This year's acreage is 45,500 acres, down 1,200 from 1956 and the smallest ever known for the state. Early potatoes now total 585,000 hundredweight compared with 630,000 estimated on July 1 and 731,000 last year

A revised estimate for peaches shows a Pennsylvania crop of 2,450,000 bushels, down five per cent from the July 1 estimate. However, this exceeds 1956 production by five per cent

Apples are estimated at 6 million bushels, the same as on July 1, but sizing has been affected because of drought conditions in the large apple growing areas.

# Million Dollar Promotion Fund Urged by Neppco

TRENTON, N J — A united effort by the poultry industry to raise a million dollar "war chest" for the promotion of eggs and poultry meat was recommended here this week by a division of the Northeastern Poultry Producers Council (NEPPCO).

The Council's Division of Cooperatives, made up of poultry products marketing groups throughout the Northeast, recommended this amount as an initial project, then went on to propose an annual goal of two to three million dollars, to be achieved within the next five years.

"Poultry plays an increasingly role in his nation's agricultural economy," declared Dr. Alfred Van Wagenen, the group's secretary "There is not the slightest doubt in my mind that the poultry industry must do a more aggressive selling job i fits products are to have a top rating with U. S consumers"

Funds would be channelled into the Poultry and Egg National Board—official advertising and promotion arm of the nation's poultry producers

The NEPPCO Division of Cooperatives proposed a 12-point program for PENB, including such projects as the development of merchandising and point-of-sale aids for retailers, a program of paid advertising in newspapers and magazines, a better flow of information between it and the poulry industrymen who provide it with working capital.

PENB was urged to organize a special fund-raising staff, completely separate from its present promotion personnel

# 12 Herds Topped 35 lb. Fat Average In Progressive DHIA During June

The Progressive Dairy Herd Improvement Association reports for the month of June that there were 3399 cows in the 102 herds of the Association There were 12 herds over 35 lb of butterfat, with the leading cow belonging to Earl Weir

| | | |
|---|---|---|
| Earl Weir | 1079 | 41 3 |
| T Barnard Walter | 865 | 40 7 |
| Robert C. Burkins | 884 | 40 7 |
| Harry Hostetter | 1096 | 39.5 |
| Francis Perkins | 964 | 39 4 |
| Robert Counts | 1018 | 38 7 |
| Lloyd Kreider | 1037 | 36.5 |
| Freeman & Rhodes | 907 | 36.4 |
| John S Stoner | 883 | 36 2 |
| Vernon mble | 969 | 36 0 |
| Leary Prange | 973 | 35.9 |
| Leon Wilkinson | 729 | 35 5 |

There were 21 cows over 70 lb. butterfat with the leading cow belonging to Lloyd Kreider. This cow a Registered Holstein, produced 2283 lbs of milk and 86 8 lbs of butter fat with a 3 8% test

| | | |
|---|---|---|
| Lloyd Kreider | 2283 | 86.8 |
| Leon Wilkinson | 1788 | 78.7 |
| Leon Wilkinson | 1332 | 78 6 |
| John S Stoner | 1636 | 78 5 |
| Mason Bros | 1713 | 77 1 |
| James Vincent | 2139 | 77 0 |
| Horace Prange | 2016 | 76 6 |
| M McDowell & Son | 1911 | 76 4 |
| Robert C Burkins | 1002 | 76 2 |
| Paul White | 1611 | 75 7 |
| Harold mble | 2031 | 75 1 |
| W Paul & Robert S Ankrum | 1638 | 73 8 |
| Robert C Burkins | 1188 | 73 7 |
| S & Allen Kreider | 1848 | 72 1 |
| Frank Herr & Son | 1404 | 71 6 |
| Robert Counts | 1590 | 71 6 |
| Hertzberg & Smith | 1833 | 71.5 |
| Lloyd Kreider | 1866 | 70.9 |
| Robert Counts | 1908 | 70 6 |
| Glen Phipps | 1299 | 70 2 |
| Freeman & Rhodes | 1845 | 70 1 |

These herds were tested by David Sweigart, Harold J. Lindecamp, Robert L. Janney and Robert P. Farmer.

## Dislocated Hips Can Be Repaired

A preliminary report in the Journal of the American Veterinary Medical Association indicates that certain injuries to the hip joint in cattle can be repaired surgically The expense of the operation would limit its use to valuable animals Many of these can be kept in service for breed betterment by the operation.

A high percentage of these dislocations in cows are the result of incoordination which occurs after calving due to pressure on the nerves during delivery, or due to milk fever. The ligament which normally holds the bones in place becomes torn and the lips of the bony socket may be broken.

Falling or slipping during service is the most frequent cause of such injuries to bulls.

A shuttle pin method for repair of similar fractures or misplacement in dogs preceded the method now being adapted for cattle, the report said

Seven of ten cattle treated by the new surgical method were restored to usefulness in experiments with injured animals, according to the Journal article.


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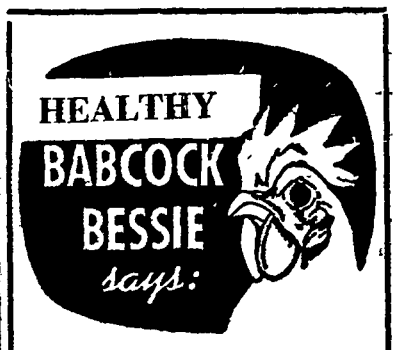


Too Much Treatment for Coccidiosis Can be Dangerous

We find many poultrymen overtreating for coccidiosis Many are feeding a mash containing a coccidiosis preventive from day-old until maturity When the birds reach maturity and have to be taken off the coccidiosis medicine they sometimes come down with a bad dose of coccidiosis They evidently haven't developed any resistance to the disease The birds beocme thin They do not not lay well and some birds may die.

We at Babcock Poultry Farm suggest that you think twice before using a coccidiosis preventive for birds to be used for layers (Perhaps it's O K for birds being raised for broilers)

We prevent coccidiosis by good management For you, if coccidiosis strikes it might be well treat with a sulfa drug for several days as recommended by the manufacturer and then discontinue the treatment On this basis your birds will probably develop a natural immunity to coccidiosis and will probably be much better layers for you If at all possible, use sanitation and good rearing and lots of room to prevent coccidiosis Also the earlier you get your pullets to roosting to less likely they are to have trouble with this disease.

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TIEING FOR FIRST PLACE in the adult division Friday at the Guernsey Breeders Field Day were, l to r, Wilbur Houser, Lampeter, a former Holstein breeder who is now a DHIA tester; John R. Breneman, R1 Kirkwood; and summer assistant county agent, Robert Heilman. A crowd estimated at 200 attended the annual event held at the farm of B. Sanvely Garber, R1 Willow Street. (LF Photo)

TIEING FOR TOP HONORS at the Guernsev Field Day judging contest were Mrs. Rohrer Witmer and Roy Breneman. Mrs. Witmer won as her award a sterling cream pitcher and sugar bowl and Breneman a 17 jewel wrist watch. (LF Photo)

Brucellosis and mastitis are the major chronic diseases of cattle, according to the American Veterinary Medical Association.

# Hay in Dairy Rations Best Feed, Guernsey Field Day Speaker Says

The manager of Hominy Hill Farms, Harvey Dreibelbis, told a crowd of 200 dairyman and their wives at the Guernsey Breeders Field Day that quality hay is the best feed for dairy cattle.

He said that at Hominy Hill some cows receive practically a pure hay diet and that no cow receives more than seven pounds of grain a day

All hay on the farm is dried artificially and no silage is used When water is available, the alfalfa is irrigated Another innovation is that several kinds of hay are made and these hays are rotated in the feeding program

In the judging contest the junior division and ladies division winners were high scorers in the overall contest Taking ladies honors was Mrs Rohrer Witmer, R2 Willow Street, and the junior champion was Roy Breneman, R1 Willow Street. Breneman is the son of Mr and Mrs John A Breneman

Three men tied for first place in the men s division but none had a score that equaled Mrs Witmer or Breneman

The three were John R. Breneman, R1 Kirkwood, Robert Heilman, State College, and Wilbur Houser, Lampeter

Mrs Clarence Harnish, R7 Lancaster, was runner-up in the ladies class while Miriam Graybill, R1 New Providence placed second and James Huber, R7 Lancaster was third in the youth division

Also speaking at the Field Day held at the B Snavely Garber Farm, R1 Willow Street, was William H Juzi, business manager of the Pennsylvania Guernsey Breeders Assn

He explained the recent court decision concerning Golden Guernsey milk marketing He said it is not known if the decision will be appealed.

## Swine Pneumonia Treatment Found

Veterinarians in southern Ontario are testing a new treatment developed at Ontario Veterinary College for virus pneumonia of pigs.

This disease, although it seldom kills, is a cause of heavy losses in widespread areas of swine raising the American Veterinary Medical Association says Approximately 50 per cent of the swine in some parts of the U S and Canada are infected According to the Association, virus pneumonia may reduce the growth rate of infected animals 14 to 16 per cent and retard food conversion to pork by 22-25 per cent


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INSPECTING STUNTED CORN on the Berks County farm of C Paul Lied near Sinking Springs, are Governor George Leader and Secretary of Agriculture William L. Henning The governor toured farms in Berks, Chester, and Montgomery Counties Monday

BERKS COUNTY AGENT James H. Haldeman, left, holds a stunted ear of corn while Gov. Leader and Sec. Henning examine the bone-dry soil in the corn field of C. Paul Lied in Berks County. Lied told the governor that the field of U. S. 13 will make only 30 per cent of the normal yield if it were kept for grain. He said that it will go into the silo. (LF Photo)

# Gov. Leader Calls Crop Conditions In Southeast Counties 'Worst Ever'

(Continued from page one)

Fresh market and processing tomatoes are moving in volume this week. Sweet corn is very poor in many localities of the southeast and in some places the crop is almost a complete loss Cutting of early planted tobacco is underway in Lancaster County with yields per acre well below last year. A large part of the corn crop in the southeast has passed the stage where rain will help for maturity, and corn throughout the rest of the state is suffering from lack of moisture

For the remainder of the week Pennsylvania farmers can expect continuation of dry conditions Temperatures are expected to be slightly below normal and no rain is forecast, the U S Weather Bureau said

The 15 principal weather stations in the state report an average of 14 28 inches of rain has fallen during the growing season which began April 2, 1957 The greatest amount was reported in Erie, 18.70 inches. Philadelphia had the least rainfall, 8 16 inches.

Government inspectors under veterinary supervision, seized more than 38 tons of prohibited and restricted meats from aircraft and ships during 1956 to prevent introduction of foreign diseases to the U S.

# Christmas Tree Survey Returned By Most Growers

HARRISBURG — Seventy-five per cent of the nearly 3,000 surveyed Christmas tree growers in Pennsylvania have indicated their marketing intentions of this year's crop, the State Department of Agriculture said today.

However, Brooke Althouse, agricultural statistician with the Pennsylvania Federal-State Crop Reporting Service, said more than 400 growers have not yet supplied the requested information. He added that these growers are not expected to receive information to be compiled from the survey

The growers were contacted in June in the first survey of its kind ever conducted in the State to determine the number and variety of Christmas trees grown in Pennsylvania. Growers have been asked to supply information to help plan orderly marketing programs for the 1957 crop, Althouse explained.

He explained that in the past many producers have planted or cut trees without sufficient knowledge of marketing conditions. With the information sought this year from growers, along with intentions, the findings should encourage better marketing, he claimed.

Pennsylvania reportedly grows 30 million Christmas trees annually and is recognized as the leading production state in the nation.


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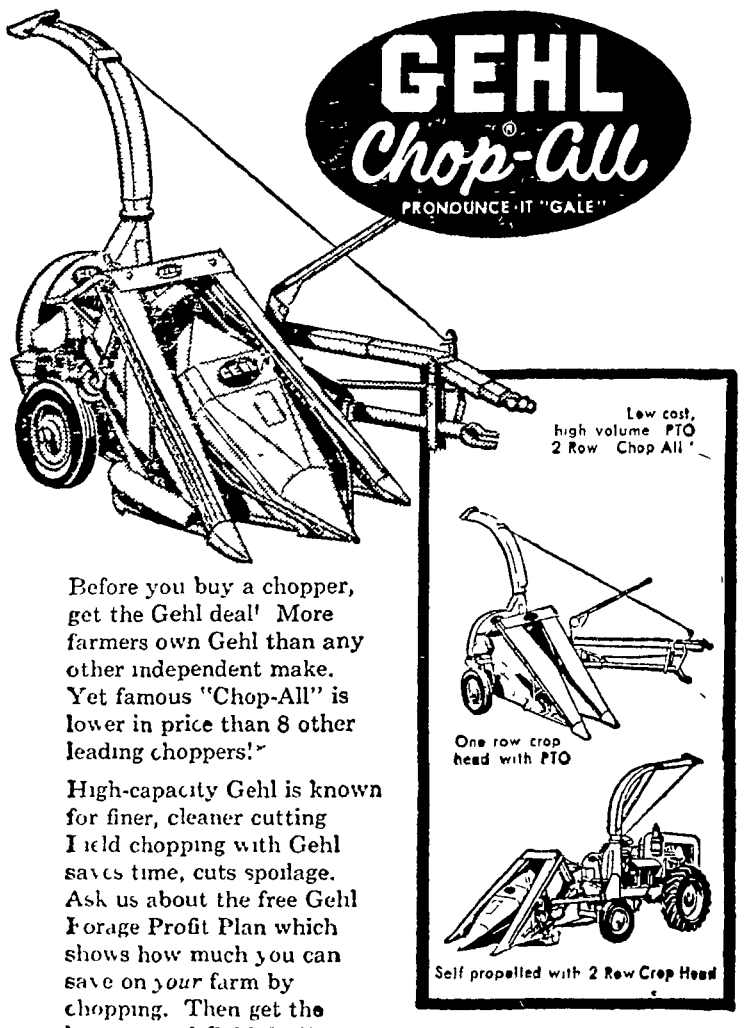
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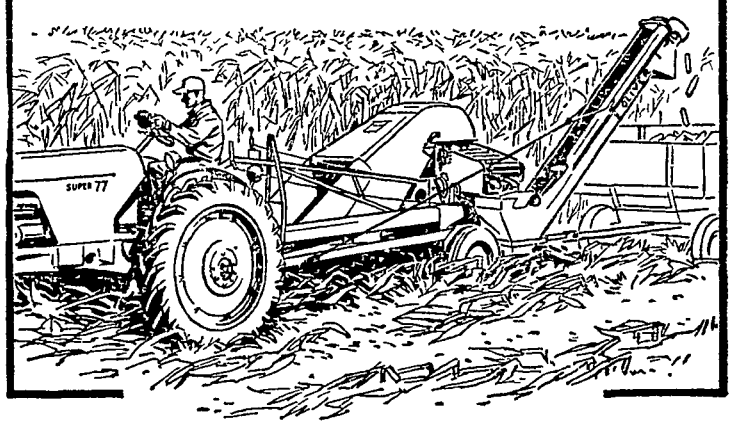
for OLIVER One-Row

Pull-Type Corn Pickers



Up go corn picking capacity and convenience...down go repair costs and safety hazards...when you pick your crop with an OLIVER Model 5.

New snapping roll spacing adjustment lets you clear the gathering unit without getting off your tractor seat. Longer snapping rolls and "live" points handle your bumper crops...lift the down and leaning stalks...bring in more corn every year, in every field condition.

Roller-type gathering chains are an Oliver "exclusive"...are twice as strong...wear three times as long as ordinary kinds. Safety clutches protect all drive assemblies.

Be sure to see the Oliver Model 5 before you buy any single-row pull-type picker.

OLIVER

E. L. Herr

Peach Bottom

Farmersville Equipment Co.

Ephrata, RD. 2

N. G. Hershey & Son

Manheim, RD. 1

# CLASSIFIED ADS

## Classified Advertising

DEALERS WANTED· The NEW PICKWICK AUTOMATIC STEAM CLEANER for hundreds of uses Ask for free catalogue and discount. Eric Nussbaum Lancaster, Pa. Tel. EXpress 2 6579.

FOR SALE — Landrace Cross Shoats. Call Lanc. EX 3-0685. Ivan Glick.

**McCULLOCH CHAIN SAWS**
**New and Used**
**Ask for a demonstration**
**A. B. C. Groff**
**New Holland, Pa.**

BALBO RYE CLEANED AND treated. See Martin Greenleaf, RD1 Oxford. Ph. Kirkwood 56R2

**New and Used**
**Bulk Milk Tanks**
**W. Graybill, Lititz, MA 6-5221**

FOR RENT. — Brillion Alfalfa Packer - Seeder for hire Gap and vicinity. Ph HI 2-4601 Jonas Marin, R1 Gap

LANDRACE HOGS FOR SALE. Weaned boers and guilts Less fat - more meat. Raymond H. Weaver, New Holland RD1, Ph. ELgin 4-9468. 3 mi. north of New Holland.

3 USED WATER HEATERS galvanized tank, 1 used 4 months, all $50. 3 gas refrigerators, good buys at $75 each, 8 cu. ft, 20 gal. water heater, $27.50. Ward Bottle Gas, 25 S State St., Ephrata. Phone REpublic 3-2207.

FOR SALE : Purebred Cheviot and Shropshire Rams and Ram Lambs. 2 mile west of Morgantown at Stone Quarry. Ph. Morgantown 6-6231. Cheviot and Shropshire Rams sire superior Market Lambs. Our breeding Stock are selected of popular blood lines.

READY TO LAY WHITE LEGhorns and Sex-link pullets. We deliver $2.00 each in lots of 50 or more Bolton Farms Box 447 or phone Schaefferstown 76-R-3.

FOR SALE.— McCormick Wheat Binder 7 ft. cut. Mowers, cornplanters and Tobacco planters; all horse drawn. Earl N. Siegler, RD3 Quarryville.

SALISBURY'S 3-NITRO in your poultry, turkey, and swine feed gets you more meat, eggs and health for less. Cost 26¢ to 52¢ per ton. Not an antibiotic. Look on your feed tags and ask your dealer, or F. W. Fisher, Leacock, Ph. Leola OL 6-2482.

## Mail Box Market

FOR SALE. 500 Anthony Leghorn Pullets starting to lay Daniel S. Hostetter, Millersville TR 2-8236.

FOR SALE 450 Mt Hope Yearling Chickens. Rear Steel wheels for tractor. ¼ mile south of Talmage Lane at Carpenters Church Aaron N. Hoover, Bareville R1, Pa.

FOR SALE Link Spring folding Cot, good condition Price $7 00 Phone Lanc EX 3-9622

FOR SALE. Hy-Line Pullets - Starting to lay, 23 weeks Arthur Kraybill, Elizabethtown, Ph EM 7-1495.

FOR SALE Spotted Poland China Bred Gilts and service boars C Warren Leminger, Denver, Pa. Phone AN 7-4913 Denver

**LANCASTER FARMING**
**Classifieds Ads Pay**
**Phone STerling 6-2132**

**AUCTIONEERS**

**Stanley H. Deiter**
**Auctioneer And Appraiser**
**LAMPETER**
**Ph. Lancaster EX 4-1796**

**Use Martin's Limestone**
**IVAN M. MARTIN, INC.**
**BLUE BALL, PA.**
**Ph. New Holland ELgin 4-2112**
**Terre Hill Hillcrest 5-3455**

**For Service Call**
**Lanc. EX 3-2090**
**Q-Ville ST 6-2097**
**Wm. J. Walker**
**R. D. 1 Willow St.**

ABS AMERICAN BREEDERS SERVICE

## Classified Advertising Rates

Use This Handy Chart To Figure Your Cost

| Words | (1) Issue | (3) Issues |
|---|---|---|
| 20 (Min.) | $1 00 | $2.40 |
| 21 | 1.05 | 2.52 |
| 22 | 1 10 | 2.64 |
| 23 | 1 15 | 2.76 |
| 24 | 1.20 | 2.88 |
| 25 | 1.25 | 3.00 |

KEYED ADS (Ads with answer coming to a Box Number, c/o Lancaster Farming): 25¢ additional.

Send copy to the Classified Advertising Dept., LANCASTER FARMING, Quarryville, Pa.

Ads running 3 or more consecutive times with no change billed at 4¢ per word each time with 80¢ minimum.

DEADLINE· Wednesday morning of each week's publication. Postively no ads accepted after 10 a.m. Wednesday.

## Estate Notices

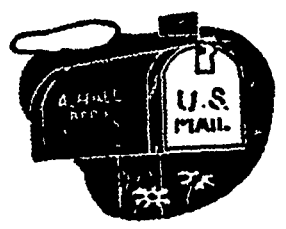
ADMINISTRATOR'S NOTICE.— of Raymond Randolph Hooven, dec'd late of Manor Township, Pa. Letters of Administration on the said estate having been granted to the undersigned, all persons indebted thereto are requested to make immediate payment, and those having claims or demands against the same will present them without delay for settlement to the undersigned Marion V. Hooven, 319 Millersville Road, Lancaster, Penna. Administrarix. Alfred C. Alspach Attorney.

EXECUTOR'S NOTICE. ESTATE of Elsie L. Plank late of Upper Leacock Twp., Lanc. Co. Pa., deceased. Letters Testamentary on said estate having been granted to the undersigned, all persons indebted thereto are requested to make immediate payment, and those having claims or demands against the same will present them without delay for settlement to the undersigned, The Conestoga National Bank of Lancaster Executors. Arnold, Bricker, Beyer & Barnes Attorneys.

ADMINISTRATOR'S NOTICE.— Estate of Irwin Hoch DeLong, also known as Irwin H. DeLong, late of Lancaster Township, Pa., deceased. Letters of Administration on the said estate having been granted to the undersigned, all persons indebted thereto are requested to make immediate payment, and those having claims or demands against the same will present them without delay for settlement to the undersigned residing in Penn Square, Lancaster, Pa. The Conestoga National Bank of Lancaster and William G. Carrington, Bringantine, N. J. Administrators. Arnold, Bricker, Beyer & Barnes, Attorneys.

EXECUTOR'S NOTICE. ESTATE of Raymond W. Diffenbaugh, dec'd late of City of Lancaster, Pa. Letters Testamentary on said estate having been granted to the undersigned, all persons indebted thereto are requested to make immediate payment, and those having claims or demands against the same will present them without delay for settlement to the undersigned, Margaret McClune RD1, Columbia, Penna. Executorix. Alfred C. Alspach Attorney.

Several foreign countries have embargoes against U.S. pork for fear that the viruses of cholera and vesicular exanthema in these products would spread these diseases to their animals.




# FREE!

**Subscribers to Lancaster Farming**

**will receive FREE one advertisement each month in our Mail Box Market**

**Subscribers using the MAIL BOX MARKET will be governed by the following rules**

— Limit your advertisement to five lines which means not over 25 words.
— All Advertisements must be in our hands by Monday 6 P. M. or same will be held over for next week's paper.
— Only one advertisement each month.
— No business advertisements accepted for this column.
— You are allowed to run the advertisement one time. Send in no duplication.

**Please mail all advertisements care of**

**MAIL BOX MARKET**
**QUARRYVILLE, PA.**

## ACP Program for 1958 Allows $2,500 Maximum per Person

Acting Secretary of Agriculture True D Morse today announced the 1958 Agriculture Conservation Program for sharing the cost of approved conservation practices with farmers and ranchers.

The 1958 ACP will be substantially the same as the 1957 program now in operation except for one major change. Under recently passed legislation the Congress has raised the maximum cost-share that any one person may receive from $1,500 to $2;500.

State and county Agricultural Stabilization and Conservation (ASC) Committeees will administer the ACP as in the past.

State ASC committees are now developing their proposed programs for submission to the Secretary of Agriculture. County ACP programs will be developed and approved within the provisions of the national ACP and the approved State programs.

PUBLIC SALE of Farm Machinery, Wednesday, August 28, 1957 Starting at 11·00 a m Corn Machinery, Harvester, Pickers, Binders, Husker Shredders, Silo Fillers, Stalk Shredders, Wagons, Drills, Spreaders, Disc Harrows and Elevators, Tractors, Crawlers and Wheel Type with Loaders and Blades

We sell private daily.

CLYDE E. KEENER

Intersection, Manheim & Harrisburg Pikes, Rts 72 & 230, Lancaster R D 3

# LIVESTOCK SALES

## PUBLIC AUCTION

**Tuesday, August 27, 1957**

**PROMPTLY AT 6 P. M.**

**Sale of Fat Bulls, Steers, Cows, Calves & Hogs**
**Stocker and Feeder Steers, Lambs**
**Shoat Sale at 8 P.M.**
**We get top market prices for your livestock**
**Feeder Steers for sale, Private, Every Day**
**Give Us a Call — Gap, HI-ckory 2-4181**

**Vintage Sales Stables, Inc.**

**PARADISE, PA.** **WM. BEAM, Manager**

## 108th Keystone Consignment Sale

**Saturday, August 31st, 1957**

**At the Keystone Holstein Sales, Inc., on route 230, just east of Mt. Joy, 10 miles west of Lancaster, Pa.**

**50 Head of Purebred Holsteins 50**

**CERTIFIED VACCINATED ACCREDITED**

Four Heifers from Sam Dodds

On our August 1956 Sale we sold five heifers from Mr. Dodds herd. All of these milked over 50 lbs and up to 65 lbs, milking as two year olds.

From Smith Brothers, Springville, Pa

A daughter of Ellbank Jewel Sensation, from the great Lucy Diplomat family. The dam classified "Good Plus" and with 520 lbs. of fat.

Robert Kauffman, Manheim, Pa, sends a 2year old grand-daughter of "Lucifer" from 541 lbs dam

The Canadians on this Sale will include daughters of such popular sires as Rosafe Tiptop, Willowslope Man-O-War Pabst, Eglantiers Triumph Johanna, Abegweit Milore, Regasborn R A Royal Governor and Pabst Walker.

Another opportunity to buy profitable purebred Holsteins.

**KEYSTONE HOLSTEIN SALES, INC.,**
**Pennsylvania's Holstein Market,**
**Mount Joy, Pa.**

Carl Diller, Auctioneer, Refton, Pa

Clarence E. Lyons, Mgr. 204 Hess Blvd, Lancaster, Pa
Phone Lancaster, Express 4-6966

## The 1957 Conestoga Classic Sale

**Tuesday, August 27, 1957**
**12:30 P. M.**

**At the Keystone Holstein Sales Barn on Route 230, just east of Mt. Joy, 10 miles west of Lancaster, Penna.**

**55 Head of Selected Purebred Holsteins**

CERTIFIED VACCINATED ACCREDITED

The Consignments include

A "Very Good" daughter of Browview Reliance Don, classified "Excellent" on udder, consigned by Jacob K. Stoltzfus

From Melvin Peifer, a Hillmac Sovereign daughter with 418 3 lbs. fat 4 55% 2 yr old record, her dam is a "Very Good" daughter of "Lucifer" with 773 8 lbs fat and the next dam "Very Good" with 795 5 lbs fat

From Paul B. Hess, a "Lucifer" daughter having finished her 2 yr old lactation with 13947m 4 02% 560 9f

These are samples of the very fine consignments which make up this sale of cattle from the better herds in this part of Pennsylvania Whether you need a replacement or not, you will not want to miss this Sale of Foundation Animals.

Catalogue at ring side

**The Lancaster County Holstein Association**

Harvey Rettew, Pedigrees
Carl Diller, Auctioneer

H. Leroy Welk, Sale Chairman
Strasburg, Penna.

# Soil Bank Regulations Modified

Modification of 1958 Soil Bank Acreage Regulations to remove the provision for a civil penalty against participating farmers who exceed the "permitted acreage" for harvest of Soil Bank base crops on their farms was announced Thursday by the U.S Department of Agriculture

Under the 1958 Acreage Reserve program, a farm Soil Bank "base" will be established for participating farms In general, this base is the average number of acres harvested in 1956 and 1957, as determined by the farmer's county Agricultural Stabilization and Conservation committee. In an Acreage Reserve agreement, a farmer agrees not to harvest more acres than this "base", less any acreage placed in the Soil Bank This is his "permitted acreage" for harvest.

The 1958 Acreage Reserve regulations as originally announced provided that the harvest of more than this "permitted acreage" would subject the farmer to both a civil penalty of 50 per cent of the payment which would have been made for full compliance with the Acreage Reserve agreement, and also the loss of the payment itself Under the modification announced today, farmers who do not comply with the "permitted acreage" provision will still forfeit the entire payment, but no civil penalty will apply

Department of Agriculture officials emphasize that the "Soil Bank base" provision continues in full effect, as a limitation upon total production except for the withdrawal of the "double penalty" provision

Both a civil penalty and loss of payment will continue to apply for any farmer who harvests a crop or permits livestock to graze on land designated for the Acreage Reserve, or who harvests more of the Acreage Reserve crop than his farm acreage allotment less the acreage in the Reserve

# Egg Quality Color Chart Revised by USDA

A revision of the color chart, "United States Standards for Quality of Individual Shell Egg," designed primarily as a teaching aid and for use of egg graders, has been published by the U. S. Department of Agriculture

The revision includes four new illustrations to show the degree of shell cleanness required in A AA, B, and C qualities. It brings up to date descriptions of shell and air cell condition.

The 15½ by 29½ inch chart includes 36 color illustrations, depicting, in addition to shell cleanliness requirments, the candled appearance of white and brown eggs for each of the four qualities, the broken-out appearance of each quality, and hard-cooked egg halves showing maximum depth of air cell and position of yolk in each quality. Also illustrated are normal and abnormal shells and various types of loss eggs.

Single copies of the chart may be obtained free from the Office of Information, U. S Department of Agriculture, Washington 25, D. C.

## State Warned Alfalfa Aphid May Be Here

HARRISBURG—The State Department of Agriculture today said all technical plant specialists in the field have been alerted to watch for the highly destructive spotted alfalfa aphid

In a precautionary move, Dr Department of Agriculture experts in Pennsylvania are keeping a special watch for the pest in Lancaster, Lebanon, Greene York Franklin, Adams Dauphin and Cumberland Counties

# Silage Quality Determined in Hours After Ensiling, USDA Reports

Getting good, high- protein silage depends largely upon the quality and kind of forage used, but also important is the way it is handled, the U. S. Department of Agriculture reports The quality of silage may be determined within a few hours after ensiling.

Proper fermentation makes good silage, and it is the type and quantities of fermentation acids produced by the forage plants that affect silage quality. Under the best conditions, lactic-acid bacteria on the plants convert the sugars present into such effective preservatives as lactic, acetic and succinic acid.

On the other hand, when certain spore-forming bacteria have a chance to develop rapidly, they convert the lactic acid into undesirable butyric acid and the plant proteins into ammonia, hydrogen sulfide and other compounds associated with spoilage.

Scientists of USDA's Agricultural Research Service set out to learn what conditions encourage the lactic-acid forming bacteria at the expense of the sporeformer One answer, the researchers found is in the way the forage is handled. Forage tramped, weighted and immediately sealed made high quality silage. It heated only moderately - a good index of fermentation - as enzymes in the plant tissue and oxygen- loving bacteria on the plants consumed the available oxygen in the first five hours. Soon, the lactic-acid bacteria became predominant The tests show ed, therefore, that the critical part of the preservation process took place earlier than it had been generally thought

In contrast, it was found that forage spoiled when left loose and unsealed for two days, especially if air had been forced through it. The carelessly handled silage heated abnormally for a few days and ultimately lost nutrients and much valuable lactic acid.

The kind of plant stored also affected silage quality It came as a surprise to the researchers that alfalfa consistently made better silage in the tests than orchard grass which ordinarily has a higher sugar content. Alfalfa seemed to withstand higher temperatures with less loss of nutrients than orchard grass and showed lower spore counts. The significance of these findings is not fully understood but their importance is obvious in view of the current emphasis upon protein-rich forages.

The research is continuing It is hoped that a detailed comparison of bacteria (the scientists isolated 40,00 strains) may lead to a better understanding of the underlying mechanisms that govern silage quality

Dairy cattle may need additional energy feeds to balance the nitrate in excess of one per cent in the total ration and to maintain profitable production, according to the American Veterinary Medical Association.

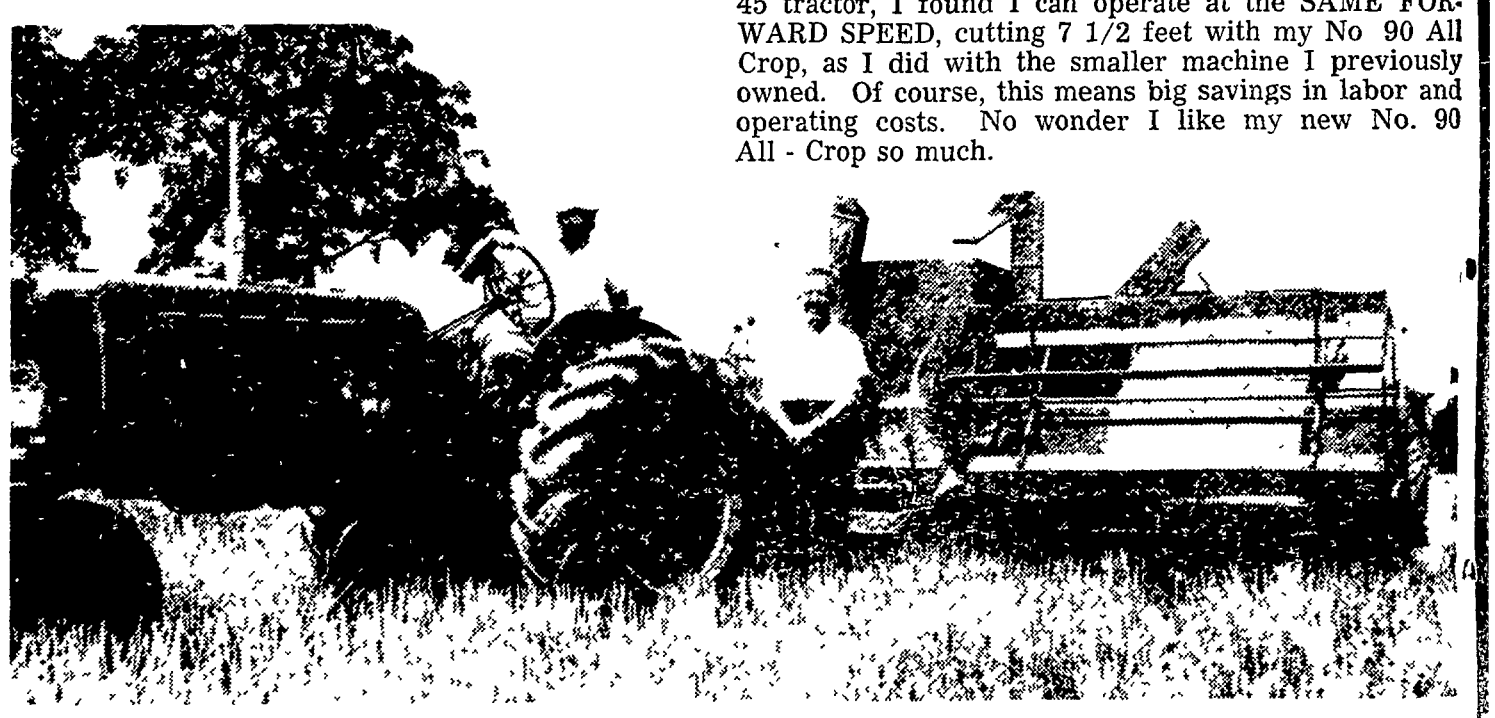

A GREAT NEW SIZE

# ALL-CROP HARVESTER

7½ FOOT MODEL '90'

FIELD TESTED and APPROVED ON LANCASTER COUNTY FARMS. READ THIS STATEMENT BY AN OWNER OF THE NEW ALLIS CHALMERS 7½ FOOT P.T.O. NO. 90 ALL-CROP.

Willis Esbenshade, 1631 Esbenshade Road, Lancaster, Pa. says: With my No. 90 All Crop I harvested over 75 acres of grain on my farms this season. Using my WD 45 tractor, I found I can operate at the SAME FORWARD SPEED, cutting 7 1/2 feet with my No 90 All Crop, as I did with the smaller machine I previously owned. Of course, this means big savings in labor and operating costs. No wonder I like my new No. 90 All - Crop so much.



Pictured above are Willis Esbenshade and Ed Stambaugh, Allis Chalmers blockman, checking the New No. 90 All-Crop on Willis' farm

## Let Us Show You The Advantages of The New No. 90 All-Crop

### ★ New Bigger Capacity

—7 1/2 Foot Header.

—Larger Wider Strawrack and Cleaning Shoe.

—Larger Tires for Better Flotation.

### ★ NEW CONVENIENCE and OPERATING FEATURES

—Industrial Type Controls from Tractor Seat to control gear box, bin, and swinging tongue with lock for transport or field position. (See insert photo showing controls and operation from tractor seat).
—Retractable Finger Auger Feed.
—Quick Adjustable, Variable Speed Reel.

**The Model "90" is new in every respect . . . not just a wider header on a former 6 foot machine. Each unit has been increased in size to handle greater volumes of higher yielding crops.**

See It At Your Local Allis - Chalmers Dealer

**Mann & Grumelli Farm Serv.** Quarryville, Pa.

**Nissley Farm Service** Washington Boro, Pa.

**R. S. Weaver** Stevens, Pa.

**Snavelys Farm Service** New Holland, Pa.

**L. H. Brubaker** Lititz, Pa.

**N. G. Myers & Son** Rheems, Pa.

**L. H. Brubaker** Lancaster, Pa.